#### **Analytical Report**

Final Report

Report ID - 20074350 - 1

Batch description: Aqueous samples for analysis



Reported on: 05-Feb-2015

Doreen Hall Vitacress Salads Ltd. Manor Farm Southbrook Bereregis Dorset BH20 7LH

Dear Doreen

Please find attached the results for the batch of 23 samples described below.

Samples Registered on:	28-Jan-2015
Analysis Started on:	28-Jan-2015
Analysis Completed on:	04-Feb-2015
Results for Batch Number	20074350
Your Purchase Order Number:	B10014375
You will be invoiced shortly by our accounts department.	

If we can be of further assistance then please do not hesitate to contact us.

Yours sincerely

Vici Morgan Customer Services Team Leader Tel: (0113) 231 2178 nls@environment-agency.gov.uk

Opinions and interpretations expressed herein are outside the scope of UKAS Accreditation. Details of analytical procedures and performance data are available on request. The date of sample analysis is available on request.

The Environment Agency carries out analytical work to high standards and within the scope of its UKAS accreditation, but has no knowledge of whether the circumstances or the validity of the procedures used to obtain the samples provided to the laboratory were representative of the need for which the information was required.

The Environment Agency and/or its staff does not therefore accept any liability for the consequences of any acts or omissions made on the basis of the analysis or advice or interpretation provided.

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



## **Analytical Report**

Final Report

Report ID - 20074350 - 1

Batch description: Aqueous samples for analysis



Reported on: 05-Feb-2015

Client:	Vitacress Salads Ltd.	Quote Description:					Freshwater analysis						
Folder No: Comments:	003076169 Ilsington in			27-Jan-15	27-Jan-15 @ 07:20								
Quote No:	7163		Matr	ix:	Freshwate	er							
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u></u>	-lag	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode				
Nitrate as N		<9.47	mg/l				None	NLS	864				
Orthophosphat	te, Filtered as P	<0.020	)0 mg/l			0.02	UKAS	SX	237				
Ammoniacal N	itrogen as N	<0.030	)0 mg/l			0.03	UKAS	SX	25				
Nitrite as N		< 0.004	100 mg/l			0.004	UKAS	SX	25				
Nitrogen : Tota	I Oxidised as N	9.47	mg/l			0.2	UKAS	SX	25				
Orthophosphat	te, reactive as P	<0.010	)0 mg/l			0.01	UKAS	SX	25				
Phosphate : To	otal as P	<0.020	)0 mg/l			0.02	UKAS	SX	235				
Solids, Suspen	nded at 105 C	<3	mg/l			3	UKAS	SX	869				
Zinc		<5	ug/l			5	UKAS	SX	34				
Iron		<30	ug/l			30	UKAS	SX	38				
Magnesium		2.55	mg/l			0.3	UKAS	SX	38				
Potassium		1.22	mg/l			0.1	UKAS	SX	38				

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## **Analytical Report**

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Report ID - 20074350 - 1

Batch description: Aqueous samples for analysis



Reported on: 05-Feb-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Proje Freshwater analys		Freshwate	r analys	sis		
Folder No: Comments:	003076170 Ilsington out			27-Jan-15 @ 07:25					
Quote No:	7163		Matr	ix:	Freshwate	r			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u> </u>	-lag	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<8.37	mg/l				None	NLS	864
Orthophosphat	te, Filtered as P	<0.020	)0 mg/l			0.02	UKAS	SX	237
Ammoniacal N	itrogen as N	< 0.030	)0 mg/l			0.03	UKAS	SX	25
Nitrite as N		< 0.004	100 mg/l			0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	8.37	mg/l			0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0110	) mg/l			0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0918	3 mg/l			0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	12.3	mg/l			3	UKAS	SX	869
Zinc		<5	ug/l			5	UKAS	SX	34
Iron		294	ug/l			30	UKAS	SX	38
Magnesium		2.73	mg/l			0.3	UKAS	SX	38
Potassium		1.47	mg/l			0.1	UKAS	SX	38

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## **Analytical Report**

Final Report

Report ID - 20074350 - 1

Batch description: Aqueous samples for analysis



Reported on: 05-Feb-2015

Client:	Vitacress Salads Ltd.	Quete Description:	Freshwate	Freshwater analysis						
Folder No: Comments:	003076171 Doddings in	Quote Description:	Freshwater analysis Sampled or		27-Jan-15 @ 07:45					
Quote No:	7163		Matrix	x:	Freshwate	r				
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	F	lag	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode	
Nitrate as N		<8.52	mg/l				None	NLS	864	
Orthophosphat	te, Filtered as P	<0.020	00 mg/l			0.02	UKAS	SX	237	
Ammoniacal N	itrogen as N	<0.030	00 mg/l			0.03	UKAS	SX	25	
Nitrite as N		<0.004	00 mg/l			0.004	UKAS	SX	25	
Nitrogen : Tota	I Oxidised as N	8.52	mg/l			0.2	UKAS	SX	25	
Orthophosphat	te, reactive as P	0.0120	) mg/l			0.01	UKAS	SX	25	
Phosphate : To	otal as P	<0.020	00 mg/l			0.02	UKAS	SX	235	
Solids, Suspen	nded at 105 C	<3	mg/l			3	UKAS	SX	869	
Zinc		<5	ug/l			5	UKAS	SX	34	
Iron		<30	ug/l			30	UKAS	SX	38	
Magnesium		2.56	mg/l			0.3	UKAS	SX	38	
Potassium		1.87	mg/l			0.1	UKAS	SX	38	

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## **Analytical Report**

Final Report

Report ID - 20074350 - 1

Batch description: Aqueous samples for analysis



Reported on: 05-Feb-2015

Client:	Vitacress Salads Ltd.		Proje		Freshwate	er analys	sis		
Folder No:	003076172	Quote Description: Freshwater analysis Sampled on: 27-		27-Jan-15 @ 07:50					
Comments:	Doddings out					0			
Quote No:	7163		Matr	ix:	Freshwate	er			
<u>Analyte</u>		Result	<u>Units</u>	E	lag	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<8.66	mg/l				None	NLS	864
Orthophosphat	e, Filtered as P	<0.020	)0 mg/l			0.02	UKAS	SX	237
Ammoniacal Ni	itrogen as N	< 0.030	)0 mg/l			0.03	UKAS	SX	25
Nitrite as N		< 0.004	100 mg/l			0.004	UKAS	SX	25
Nitrogen : Tota	l Oxidised as N	8.66	mg/l			0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	0.0110	) mg/l			0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	)0 mg/l			0.02	UKAS	SX	235
Solids, Suspen	ided at 105 C	<3	mg/l			3	UKAS	SX	869
Zinc		8.63	ug/l			5	UKAS	SX	34
Iron		394	ug/l			30	UKAS	SX	38
Magnesium		2.60	mg/l			0.3	UKAS	SX	38
Potassium		1.69	mg/l			0.1	UKAS	SX	38

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## **Analytical Report**

Final Report

Report ID - 20074350 - 1

Batch description: Aqueous samples for analysis



Reported on: 05-Feb-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Freshwate	nwater analysis						
Folder No: Comments:	003076173 Hollybush in	, , ,		27-Jan-15 @ 08:05						
Quote No:	7163		Matri	x:	Freshwate	er				
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	F	lag	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode	
Nitrate as N		<12.5	mg/l				None	NLS	864	
Orthophosphat	te, Filtered as P	<0.020	)0 mg/l			0.02	UKAS	SX	237	
Ammoniacal N	litrogen as N	<0.030	)0 mg/l			0.03	UKAS	SX	25	
Nitrite as N		<0.004	l00 mg/l			0.004	UKAS	SX	25	
Nitrogen : Tota	al Oxidised as N	12.5	mg/l			0.2	UKAS	SX	25	
Orthophosphat	te, reactive as P	0.0130	) mg/l			0.01	UKAS	SX	25	
Phosphate : To	otal as P	< 0.020	00 mg/l			0.02	UKAS	SX	235	
Solids, Susper	nded at 105 C	<3	mg/l			3	UKAS	SX	869	
Zinc		<5	ug/l			5	UKAS	SX	34	
Iron		<30	ug/l			30	UKAS	SX	38	
Magnesium		2.59	mg/l			0.3	UKAS	SX	38	
Potassium		0.908	mg/l			0.1	UKAS	SX	38	

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Batch description: Aqueous samples for analysis



Reported on: 05-Feb-2015

Client:	Vitacress Salads Ltd. Project: Freshwater analysis				Freshwater analysis						
Folder No: Comments:	003076174 Hollybush out	Quote Description.			27-Jan-15 @ 08:10						
Quote No:	7163		Matrix	c	Freshwate	r					
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	FI	lag	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode		
Nitrate as N		11.9	mg/l				None	NLS	864		
Orthophosphat	te, Filtered as P	<0.020	)0 mg/l			0.02	UKAS	SX	237		
Ammoniacal N	itrogen as N	<0.030	)0 mg/l			0.03	UKAS	SX	25		
Nitrite as N		0.0072	20 mg/l			0.004	UKAS	SX	25		
Nitrogen : Tota	I Oxidised as N	11.9	mg/l			0.2	UKAS	SX	25		
Orthophosphat	te, reactive as P	0.0110	) mg/l			0.01	UKAS	SX	25		
Phosphate : To	otal as P	<0.020	)0 mg/l			0.02	UKAS	SX	235		
Solids, Suspen	nded at 105 C	7.88	mg/l			3	UKAS	SX	869		
Zinc		<5	ug/l			5	UKAS	SX	34		
Iron		50.0	ug/l			30	UKAS	SX	38		
Magnesium		2.48	mg/l			0.3	UKAS	SX	38		
Potassium		1.23	mg/l			0.1	UKAS	SX	38		

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Final Report

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Batch description: Aqueous samples for analysis



Reported on: 05-Feb-2015

Client:	Vitacress Salads Ltd.		Projec	Freshwater analysis								
Folder No: Comments:	003076175 Spetisbury in	Quote Description:	5	eshwater analysis Sampled on:		27-Jan-15 @ 08:00						
Quote No:	7163		Matrix	x:	Freshwate	r						
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	Fla	ag	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode			
Nitrate as N		<10.3	mg/l				None	NLS	864			
Orthophosphat	te, Filtered as P	<0.02	mg/l	DC	:	0.02	UKAS	SX	237			
Ammoniacal N	litrogen as N	<0.030	00 mg/l			0.03	UKAS	SX	25			
Nitrite as N		<0.004	00 mg/l			0.004	UKAS	SX	25			
Nitrogen : Tota	al Oxidised as N	10.3	mg/l			0.2	UKAS	SX	25			
Orthophosphat	te, reactive as P	0.0140	) mg/l			0.01	UKAS	SX	25			
Phosphate : To	otal as P	< 0.020	0 mg/l			0.02	UKAS	SX	235			
Solids, Susper	nded at 105 C	<3	mg/l			3	UKAS	SX	869			
Zinc		<5	ug/l			5	UKAS	SX	34			
Iron		<30	ug/l			30	UKAS	SX	38			
Magnesium		2.30	mg/l			0.3	UKAS	SX	38			
Potassium		1.76	mg/l			0.1	UKAS	SX	38			

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## **Analytical Report**

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Batch description: Aqueous samples for analysis



Reported on: 05-Feb-2015

Client:	Vitacress Salads Ltd.						er analysis					
Folder No: Comments:	003076176 Spetisbury out	Quote Description: Freshwater analysis Sampled on:			27-Jan-15 @ 08:10							
Quote No:	7163		Matri	x:	Freshwate	er						
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	F	lag	<u>MRV</u>	Accred	Lab ID_Tes	stcode			
Nitrate as N		<10.8	mg/l				None	NLS	864			
Orthophosphat	te, Filtered as P	<0.020	0 mg/l			0.02	UKAS	SX	237			
Ammoniacal N	itrogen as N	<0.030	0 mg/l			0.03	UKAS	SX	25			
Nitrite as N		<0.004	00 mg/l			0.004	UKAS	SX	25			
Nitrogen : Tota	I Oxidised as N	10.8	mg/l			0.2	UKAS	SX	25			
Orthophosphat	te, reactive as P	0.0140	) mg/l			0.01	UKAS	SX	25			
Phosphate : To	otal as P	<0.020	0 mg/l			0.02	UKAS	SX	235			
Solids, Suspen	nded at 105 C	<3	mg/l			3	UKAS	SX	869			
Zinc		<5	ug/l			5	UKAS	SX	34			
Iron		<30	ug/l			30	UKAS	SX	38			
Magnesium		2.37	mg/l			0.3	UKAS	SX	38			
Potassium		2.11	mg/l			0.1	UKAS	SX	38			

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## **Analytical Report**

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Report ID - 20074350 - 1

Batch description: Aqueous samples for analysis



Reported on: 05-Feb-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Freshwate	water analysis									
Folder No: Comments:	003076177 Manor in		Freshwater analysis Sampled or	Sampled on:			27-Jan-15 @ 08:30						
Quote No:	7163		Matrix	x:	Freshwate	r							
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	F	lag	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode				
Nitrate as N		<12.6	mg/l				None	NLS	864				
Orthophosphat	te, Filtered as P	<0.020	0 mg/l			0.02	UKAS	SX	237				
Ammoniacal N	itrogen as N	<0.030	0 mg/l			0.03	UKAS	SX	25				
Nitrite as N		<0.004	.00 mg/l			0.004	UKAS	SX	25				
Nitrogen : Tota	I Oxidised as N	12.6	mg/l			0.2	UKAS	SX	25				
Orthophosphat	te, reactive as P	0.0120	mg/l			0.01	UKAS	SX	25				
Phosphate : To	otal as P	<0.020	0 mg/l			0.02	UKAS	SX	235				
Solids, Suspen	nded at 105 C	<3	mg/l			3	UKAS	SX	869				
Zinc		<5	ug/l			5	UKAS	SX	34				
Iron		<30	ug/l			30	UKAS	SX	38				
Magnesium		2.74	mg/l			0.3	UKAS	SX	38				
Potassium		2.24	mg/l			0.1	UKAS	SX	38				

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## **Analytical Report**

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Batch description: Aqueous samples for analysis



Reported on: 05-Feb-2015

Client:	Vitacress Salads Ltd.	Project: Freshwate Quote Description: Freshwater analysis					r analysis						
Folder No: Comments:	003076178 Manor out	003076178 Sampled			27-Jan-15	@ 08:4	0						
Quote No:	7163		Matrix	x:	Freshwate	r							
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	F	lag	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode				
Nitrate as N		<8.17	mg/l				None	NLS	864				
Orthophosphat	te, Filtered as P	<0.020	00 mg/l			0.02	UKAS	SX	237				
Ammoniacal N	litrogen as N	<0.030	00 mg/l			0.03	UKAS	SX	25				
Nitrite as N		<0.004	00 mg/l			0.004	UKAS	SX	25				
Nitrogen : Tota	al Oxidised as N	8.17	mg/l			0.2	UKAS	SX	25				
Orthophosphat	te, reactive as P	<0.010	00 mg/l			0.01	UKAS	SX	25				
Phosphate : To	otal as P	<0.020	0 mg/l			0.02	UKAS	SX	235				
Solids, Susper	nded at 105 C	<3	mg/l			3	UKAS	SX	869				
Zinc		<5	ug/l			5	UKAS	SX	34				
Iron		<30	ug/l			30	UKAS	SX	38				
Magnesium		2.50	mg/l			0.3	UKAS	SX	38				
Potassium		1.21	mg/l			0.1	UKAS	SX	38				

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## **Analytical Report**

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Batch description: Aqueous samples for analysis



Reported on: 05-Feb-2015

Client:	Vitacress Salads Ltd.		Freshwate	Freshwater analysis							
Folder No: Comments:	003076179 Abbotts Ann in	Quote Description:	Freshwater analysis Sampled or		27-Jan-15 @ 07:00						
Quote No:	7163		Matrix	x:	Freshwate	r					
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	Fla	ag	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode		
Nitrate as N		<9.23	mg/l				None	NLS	864		
Orthophosphat	te, Filtered as P	<0.020	00 mg/l			0.02	UKAS	SX	237		
Ammoniacal N	itrogen as N	<0.030	00 mg/l			0.03	UKAS	SX	25		
Nitrite as N		<0.004	00 mg/l			0.004	UKAS	SX	25		
Nitrogen : Tota	I Oxidised as N	9.23	mg/l			0.2	UKAS	SX	25		
Orthophosphat	te, reactive as P	<0.010	00 mg/l			0.01	UKAS	SX	25		
Phosphate : To	otal as P	<0.020	00 mg/l			0.02	UKAS	SX	235		
Solids, Susper	nded at 105 C	<3	mg/l			3	UKAS	SX	869		
Zinc		<5	ug/l			5	UKAS	SX	34		
Iron		<30	ug/l			30	UKAS	SX	38		
Magnesium		1.85	mg/l			0.3	UKAS	SX	38		
Potassium		1.02	mg/l			0.1	UKAS	SX	38		

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## **Analytical Report**

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Batch description: Aqueous samples for analysis



Reported on: 05-Feb-2015

Client:	Vitacress Salads Ltd.		Project:	Fresh	water analys	is		
Folder No: Comments:	003076180 Abbotts Ann out	Quote Description:	Freshwater analysis Sampled on:	27-Ja	n-15 @ 07:1	0		
Quote No:	7163		Matrix:	Fresh	water			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		9.66	mg/l			None	NLS	864
Orthophospha	te, Filtered as P	<0.020	)0 mg/l		0.02	UKAS	SX	237
Ammoniacal N	litrogen as N	<0.030	)0 mg/l		0.03	UKAS	SX	25
Nitrite as N		0.0060	)0 mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	al Oxidised as N	9.67	mg/l		0.2	UKAS	SX	25
Orthophospha	te, reactive as P	0.0150	) mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	0.176	mg/l		0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	14.5	mg/l		3	UKAS	SX	869
Zinc		<5	ug/l		5	UKAS	SX	34
Iron		45.9	ug/l		30	UKAS	SX	38
Magnesium		1.94	mg/l		0.3	UKAS	SX	38
Potassium		1.06	mg/l		0.1	UKAS	SX	38

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Batch description: Aqueous samples for analysis



Reported on: 05-Feb-2015

Client:	Vitacress Salads Ltd.		Projec	t:	Freshwate	r analys	is		
Folder No: Comments:	003076181 Pinglestone in	Quote Description:	Freshwater analysis Sampled or		27-Jan-15	@ 07:3	0		
Quote No:	7163		Matrix	<b>k</b> :	Freshwate	r			
<u>Analyte</u>		Result	<u>Units</u>	Fl	lag	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<8.06	mg/l				None	NLS	864
Orthophosphat	e, Filtered as P	0.0230	) mg/l			0.02	UKAS	SX	237
Ammoniacal N	itrogen as N	<0.030	)0 mg/l			0.03	UKAS	SX	25
Nitrite as N		< 0.004	100 mg/l			0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	8.06	mg/l			0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	0.0210	) mg/l			0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0210	) mg/l			0.02	UKAS	SX	235
Solids, Suspen	ided at 105 C	<3	mg/l			3	UKAS	SX	869
Zinc		<5	ug/l			5	UKAS	SX	34
Iron		<30	ug/l			30	UKAS	SX	38
Magnesium		1.93	mg/l			0.3	UKAS	SX	38
Potassium		1.01	mg/l			0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



## **Analytical Report**

Final Report

Report ID - 20074350 - 1

Batch description: Aqueous samples for analysis



Reported on: 05-Feb-2015

Client:	Vitacress Salads Ltd.		Project:	Freshwater a	analys	is		
Folder No: Comments:	003076182 Pinglestone out	Quote Description:	Freshwater analysis Sampled on:	27-Jan-15 @	07:4	0		
Quote No:	7163		Matrix:	Freshwater				
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u>Flag</u> <u>N</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		7.30	mg/l			None	NLS	864
Orthophospha	te, Filtered as P	0.0350	mg/l	0	0.02	UKAS	SX	237
Ammoniacal N	litrogen as N	0.0360	mg/l	0	0.03	UKAS	SX	25
Nitrite as N		0.0069	0 mg/l	0	0.004	UKAS	SX	25
Nitrogen : Tota	al Oxidised as N	7.31	mg/l	C	).2	UKAS	SX	25
Orthophospha	te, reactive as P	0.0350	mg/l	0	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0436	mg/l	0	0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	3.88	mg/l	3	}	UKAS	SX	869
Zinc		<5	ug/l	5	5	UKAS	SX	34
Iron		32.2	ug/l	3	80	UKAS	SX	38
Magnesium		1.94	mg/l	C	).3	UKAS	SX	38
Potassium		0.960	mg/l	0	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



## **Analytical Report**

Final Report

Report ID - 20074350 - 1

Batch description: Aqueous samples for analysis



Reported on: 05-Feb-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Proje Freshwater analys		Freshwate	er analys	sis		
Folder No: Comments:	003076183 Fobdown in		Sampled c		27-Jan-15	@ 07:5	0		
Quote No:	7163		Matr	ix:	Freshwate	r			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u></u>	lag	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<8.90	mg/l				None	NLS	864
Orthophosphat	te, Filtered as P	0.0200	) mg/l			0.02	UKAS	SX	237
Ammoniacal N	litrogen as N	<0.030	)0 mg/l			0.03	UKAS	SX	25
Nitrite as N		< 0.004	l00 mg/l			0.004	UKAS	SX	25
Nitrogen : Tota	al Oxidised as N	8.90	mg/l			0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0210	) mg/l			0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	)0 mg/l			0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	<3	mg/l			3	UKAS	SX	869
Zinc		<5	ug/l			5	UKAS	SX	34
Iron		<30	ug/l			30	UKAS	SX	38
Magnesium		1.97	mg/l			0.3	UKAS	SX	38
Potassium		0.997	mg/l			0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



## **Analytical Report**

Final Report

Report ID - 20074350 - 1

Batch description: Aqueous samples for analysis



Reported on: 05-Feb-2015

Client:	Vitacress Salads Ltd.		Project		Freshwate	r analys	is		
Folder No: Comments:	003076184 Fobdown out	Quote Description:	Freshwater analysis Sampled or		27-Jan-15	@ 08:0	0		
Quote No:	7163		Matrix	c	Freshwate	r			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	Fla	ag	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<8.12	mg/l				None	NLS	864
Orthophosphat	te, Filtered as P	0.0210	mg/l			0.02	UKAS	SX	237
Ammoniacal N	litrogen as N	<0.030	00 mg/l			0.03	UKAS	SX	25
Nitrite as N		<0.004	00 mg/l			0.004	UKAS	SX	25
Nitrogen : Tota	al Oxidised as N	8.12	mg/l			0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0200	) mg/l			0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0249	) mg/l			0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	3.93	mg/l			3	UKAS	SX	869
Zinc		<5	ug/l			5	UKAS	SX	34
Iron		<30	ug/l			30	UKAS	SX	38
Magnesium		1.93	mg/l			0.3	UKAS	SX	38
Potassium		1.02	mg/l			0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



## **Analytical Report**

Final Report

Report ID - 20074350 - 1

Batch description: Aqueous samples for analysis



Reported on: 05-Feb-2015

Client:	Vitacress Salads Ltd.		Projec	t: F	reshwater analys	sis		
		Quote Description:	Freshwater analysis	S				
Folder No:	003076185		Sampled or	n: 2	7-Jan-15 @ 08:1	5		
Comments:	Warnford in. Wincheste	r road			•			
Quote No:	7163		Matrix	c: F	reshwater			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u>Flag</u>	MRV	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<7.47	mg/l			None	NLS	864
Orthophosphat	e, Filtered as P	<0.020	00 mg/l		0.02	UKAS	SX	237
Ammoniacal Ni	itrogen as N	<0.030	00 mg/l		0.03	UKAS	SX	25
Nitrite as N		<0.004	100 mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	7.47	mg/l		0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	0.0160	) mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	0 mg/l		0.02	UKAS	SX	235
Solids, Suspen	ded at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc		<5	ug/l		5	UKAS	SX	34
Iron		<30	ug/l		30	UKAS	SX	38
Magnesium		2.05	mg/l		0.3	UKAS	SX	38
Potassium		0.815	mg/l		0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



## **Analytical Report**

Final Report

Report ID - 20074350 - 1

Batch description: Aqueous samples for analysis



Reported on: 05-Feb-2015

Client:	Vitacress Salads Ltd.		Project	t: Fr	reshwater analys	is		
		Quote Description:	Freshwater analysis	6				
Folder No:	003076186		Sampled or	n: 27	7-Jan-15 @ 08:2	5		
Comments:	Warnford out. Winches	ter road			_			
Quote No:	7163		Matrix	c: Fr	reshwater			
Analyte		<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<7.91	mg/l			None	NLS	864
Orthophospha	te, Filtered as P	<0.020	)0 mg/l		0.02	UKAS	SX	237
Ammoniacal N	itrogen as N	<0.030	)0 mg/l		0.03	UKAS	SX	25
Nitrite as N		<0.004	100 mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	7.91	mg/l		0.2	UKAS	SX	25
Orthophospha	te, reactive as P	0.0160	) mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	)0 mg/l		0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc		<5	ug/l		5	UKAS	SX	34
Iron		<30	ug/l		30	UKAS	SX	38
Magnesium		2.15	mg/l		0.3	UKAS	SX	38
Potassium		0.726	mg/l		0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



## **Analytical Report**

Final Report

Report ID - 20074350 - 1

Batch description: Aqueous samples for analysis



Reported on: 05-Feb-2015

Client:	Vitacress Salads Ltd.		Project	: Fre	shwater analys	is		
		Quote Description:	Freshwater analysis	;				
Folder No:	003076187		Sampled on	: 27-	Jan-15 @ 08:5	0		
Comments:	St Marybourne in. B blo	ock			-			
Quote No:	7163		Matrix	: Fre	eshwater			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u>Flag</u>	MRV	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<7.51	mg/l			None	NLS	864
Orthophosphat	te, Filtered as P	0.0400	) mg/l		0.02	UKAS	SX	237
Ammoniacal N	itrogen as N	<0.030	)0 mg/l		0.03	UKAS	SX	25
Nitrite as N		<0.004	100 mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	7.51	mg/l		0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0380	) mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	0.118	mg/l		0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	11.9	mg/l		3	UKAS	SX	869
Zinc		<5	ug/l		5	UKAS	SX	34
Iron		80.5	ug/l		30	UKAS	SX	38
Magnesium		1.69	mg/l		0.3	UKAS	SX	38
Potassium		1.05	mg/l		0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



## **Analytical Report**

Final Report

Report ID - 20074350 - 1

Batch description: Aqueous samples for analysis



Reported on: 05-Feb-2015

Client:	Vitacress Salads Ltd.		Project	t: Fr	eshwater analys	is		
		Quote Description:	Freshwater analysis	3				
Folder No:	003076188		Sampled on	n: 27	7-Jan-15 @ 09:0	0		
Comments:	St Marybourne out. B b	lock						
Quote No:	7163		Matrix	:: Fr	reshwater			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<7.99	mg/l			None	NLS	864
Orthophosphat	te, Filtered as P	0.0200	) mg/l		0.02	UKAS	SX	237
Ammoniacal N	itrogen as N	<0.030	)0 mg/l		0.03	UKAS	SX	25
Nitrite as N		<0.004	l00 mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	7.99	mg/l		0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0190	) mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	)0 mg/l		0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc		<5	ug/l		5	UKAS	SX	34
Iron		<30	ug/l		30	UKAS	SX	38
Magnesium		1.65	mg/l		0.3	UKAS	SX	38
Potassium		0.827	mg/l		0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



## **Analytical Report**

Final Report

Report ID - 20074350 - 1

Batch description: Aqueous samples for analysis



Reported on: 05-Feb-2015

Client:	Vitacress Salads Ltd.		Projec	t: F	Freshwater analys	sis		
		Quote Description:	Freshwater analysi	s				
Folder No:	003076189		Sampled or	n: 2	27-Jan-15 @ 09:0	0		
Comments:	St Marybourne out. D b	lock						
Quote No:	7163		Matri	x: F	reshwater			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	Flag	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<6.98	mg/l			None	NLS	864
Orthophosphat	te, Filtered as P	0.0320	) mg/l		0.02	UKAS	SX	237
Ammoniacal N	itrogen as N	<0.030	)0 mg/l		0.03	UKAS	SX	25
Nitrite as N		<0.004	100 mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	6.98	mg/l		0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0280	) mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0263	3 mg/l		0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc		<5	ug/l		5	UKAS	SX	34
Iron		<30	ug/l		30	UKAS	SX	38
Magnesium		1.55	mg/l		0.3	UKAS	SX	38
Potassium		0.916	mg/l		0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



## **Analytical Report**

Final Report

Report ID - 20074350 - 1

Batch description: Aqueous samples for analysis



Reported on: 05-Feb-2015

Client:	Vitacress Salads Ltd.		Projec	t: F	reshwater analys	sis		
		Quote Description:	Freshwater analysis	3				
Folder No:	003076190		Sampled or	n: 2	7-Jan-15 @ 09:1	0		
Comments:	St Marybourne in. D blo	ck						
Quote No:	7163		Matrix	(: F	reshwater			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		6.96	mg/l			None	NLS	864
Orthophosphat	e, Filtered as P	0.0320	) mg/l		0.02	UKAS	SX	237
Ammoniacal N	itrogen as N	<0.030	)0 mg/l		0.03	UKAS	SX	25
Nitrite as N		0.0051	0 mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	6.97	mg/l		0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	0.0300	) mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0337	′ mg/l		0.02	UKAS	SX	235
Solids, Suspen	ded at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc		<5	ug/l		5	UKAS	SX	34
Iron		<30	ug/l		30	UKAS	SX	38
Magnesium		1.63	mg/l		0.3	UKAS	SX	38
Potassium		0.977	mg/l		0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



## **Analytical Report**

Final Report

Report ID - 20074350 - 1

Batch description: Aqueous samples for analysis



Reported on: 05-Feb-2015

Client:	Vitacress Salads Ltd.		Projec		Freshwate	r analys	sis		
Folder No: Comments:	003076191 St Marybourne river	Quote Description:	Freshwater analysi Sampled or		27-Jan-15	@ 09:2	0		
Quote No:	7163		Matri	x:	Freshwate	r			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u>Fl</u>	ag	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<7.53	mg/l				None	NLS	864
Orthophosphat	te, Filtered as P	0.0310	) mg/l			0.02	UKAS	SX	237
Ammoniacal N	itrogen as N	<0.030	)0 mg/l			0.03	UKAS	SX	25
Nitrite as N		< 0.004	100 mg/l			0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	7.53	mg/l			0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0490	) mg/l			0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0553	3 mg/l			0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	5.23	mg/l			3	UKAS	SX	869
Zinc		<5	ug/l			5	UKAS	SX	34
Iron		38.5	ug/l			30	UKAS	SX	38
Magnesium		1.63	mg/l			0.3	UKAS	SX	38
Potassium		1.01	mg/l			0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



#### **Analytical Report**

Final Report

Report ID - 20074350 - 1



Batch description: Aqueous samples for analysis

Reported on: 05-Feb-2015

#### Method Description Summary for all samples in batch Number 20074350

- 25 SX I Nutrients determined colorimetrically by CF autoanalyser
- 34 SX M ICPMS Routine Metals acid digested; determined by ICPMS
- 38 SX M ICPOES Routine Metals acid digested; determined by ICPOES
- SX I Phosphate (total) digested; determined colorimetrically by autoanalyser
  SX I Saline Nutrients determined colorimetrically by discrete analyser
- 864 Parameter by calculation
- 869 SX I Suspended Solids filtered; determined by gravimetry

#### James Trout Laboratory Site Manager

All reporting limits quoted are those achievable for clean samples of the relevant matrix. No allowance is made for instances when dilutions are necessary owing to the nature of the sample or insufficient volume of the sample being available. In these cases higher reporting limits may be quoted and will be above the MRV.

Solid sample results are determined on a "dried" sample fraction except for parameters where the method description identifies that "as received" sample was used.

Key to Results Flags:

DC Analysis started outside of specified holding time. It is possible that the results may be compromised.

D1 Sample was received in a container unsuitable for this test. It is possible results may be compromised

The analysis start date specified is the date of the first test, dates for other analysis are available on request.

Please note all samples will be retained for 10 working days for aqueous samples and 30 working days for solid samples after reporting unless otherwise agreed with Customer Services

Key to Accreditation: UKAS = Methodology accredited to ISO/IEC 17025:2005, MCertS = Methodology accredited to MCertS Performance Standard for testing of soils, none = Methodology not accredited

Key to Lab ID: LE = Leeds, NM = Nottingham, SX = Starcross, SC = Sub-Contracted outside NLS, FI = Field Data - outside NLS, NLS = Calculated Any subsequent version of this report denoted with a higher version number will supersede this and any previous versions

END OF TEST REPORT

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



#### **Analytical Report**

Final Report

Report ID - 20075334 - 1

Batch description: Aqueous samples



Reported on: 27-Feb-2015

Doreen Hall Vitacress Salads Ltd. Manor Farm Southbrook Bereregis Dorset BH20 7LH

Dear Doreen

Please find attached the results for the batch of 23 samples described below.

Samples Registered on:	19-Feb-2015
Analysis Started on:	19-Feb-2015
Analysis Completed on:	27-Feb-2015
Results for Batch Number	20075334
Your Purchase Order Number:	B10015418
You will be invoiced shortly by our accounts department.	

If we can be of further assistance then please do not hesitate to contact us.

Yours sincerely

Vici Morgan Customer Services Team Leader Tel: (0113) 231 2178 nls@environment-agency.gov.uk

Opinions and interpretations expressed herein are outside the scope of UKAS Accreditation. Details of analytical procedures and performance data are available on request. The date of sample analysis is available on request.

The Environment Agency carries out analytical work to high standards and within the scope of its UKAS accreditation, but has no knowledge of whether the circumstances or the validity of the procedures used to obtain the samples provided to the laboratory were representative of the need for which the information was required.

The Environment Agency and/or its staff does not therefore accept any liability for the consequences of any acts or omissions made on the basis of the analysis or advice or interpretation provided.

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



## **Analytical Report**

Final Report

Report ID - 20075334 - 1

Batch description: Aqueous samples



Reported on: 27-Feb-2015

Client:	Vitacress Salads Ltd.	Quete Description:	Project	-	reshwater analys	sis		
Folder No: Comments:	002907717 Fobdown in	Quote Description:	Freshwater analysis Sampled on		3-Feb-15 @ 07:3	0		
Quote No:	7163		Matrix	: Fi	reshwater			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	<u>stcode</u>
Nitrate as N		<8.79	mg/l			None	NLS	864
Orthophosphat	te, Filtered as P	0.0240	) mg/l		0.01	UKAS	SX	237
Ammoniacal N	litrogen as N	<0.030	)0 mg/l		0.03	UKAS	SX	25
Nitrite as N		<0.004	l00 mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	al Oxidised as N	8.79	mg/l		0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0240	) mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0343	B mg/l		0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc		<5	ug/l		5	UKAS	SX	34
Iron		<30	ug/l		30	UKAS	SX	38
Magnesium		2.02	mg/l		0.3	UKAS	SX	38
Potassium		1.01	mg/l		0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



## **Analytical Report**

Final Report

Report ID - 20075334 - 1

Batch description: Aqueous samples



Reported on: 27-Feb-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project Freshwater analysis		Freshwater	analys	sis		
Folder No: Comments:	002907718 Fobdown out		Sampled on		18-Feb-15	@ 07:3	5		
Quote No:	7163		Matrix	:	Freshwater				
<u>Analyte</u>		Result	<u>Units</u>	Fla	ag	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<8.23	mg/l				None	NLS	864
Orthophosphat	te, Filtered as P	0.0110	) mg/l			0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	<0.030	)0 mg/l			0.03	UKAS	SX	25
Nitrite as N		< 0.004	100 mg/l			0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	8.23	mg/l			0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0110	) mg/l			0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	)0 mg/l			0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/l			3	UKAS	SX	869
Zinc		<5	ug/l			5	UKAS	SX	34
Iron		<30	ug/l			30	UKAS	SX	38
Magnesium		2.02	mg/l			0.3	UKAS	SX	38
Potassium		0.937	mg/l			0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



## **Analytical Report**

Final Report

Report ID - 20075334 - 1

Batch description: Aqueous samples



Reported on: 27-Feb-2015

Client:	Vitacress Salads Ltd.	Quete Description:	Project Freshwater analysis		Freshwater	analys	is		
Folder No: Comments:	002907719 Pinglestone in	Quote Description:	Sampled on		18-Feb-15	@ 08:0	0		
Quote No:	7163		Matrix	:	Freshwater				
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u>Fla</u>	ag	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<7.72	mg/l				None	NLS	864
Orthophosphat	te, Filtered as P	0.0260	) mg/l			0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	<0.030	)0 mg/l			0.03	UKAS	SX	25
Nitrite as N		< 0.004	100 mg/l			0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	7.72	mg/l			0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0260	) mg/l			0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0265	5 mg/l			0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/l			3	UKAS	SX	869
Zinc		<5	ug/l			5	UKAS	SX	34
Iron		<30	ug/l			30	UKAS	SX	38
Magnesium		1.92	mg/l			0.3	UKAS	SX	38
Potassium		0.940	mg/l			0.1	UKAS	SX	38

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## **Analytical Report**

Final Report

Report ID - 20075334 - 1

Batch description: Aqueous samples



Reported on: 27-Feb-2015

Client:	Vitacress Salads Ltd.		Project:	Freshwater a	analys	is		
Folder No: Comments:	002907720 Pinglestone out	Quote Description:	Freshwater analysis Sampled on:	18-Feb-15 @	08:1	0		
Quote No:	7163		Matrix:	Freshwater				
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	Flag <u>N</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		7.42	mg/l			None	NLS	864
Orthophosphat	te, Filtered as P	0.0240	) mg/l	0	0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	<0.030	)0 mg/l	0	0.03	UKAS	SX	25
Nitrite as N		0.0043	30 mg/l	0	0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	7.42	mg/l	0	0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0250	) mg/l	0	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0312	2 mg/l	C	0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	4.42	mg/l	3	3	UKAS	SX	869
Zinc		<5	ug/l	5	5	UKAS	SX	34
Iron		<30	ug/l	3	30	UKAS	SX	38
Magnesium		1.97	mg/l	C	0.3	UKAS	SX	38
Potassium		0.866	mg/l	C	0.1	UKAS	SX	38

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## **Analytical Report**

Final Report

Report ID - 20075334 - 1

Batch description: Aqueous samples



Reported on: 27-Feb-2015

Client:	Vitacress Salads Ltd.		Project:	Freshwater	analys	sis		
Folder No: Comments:	002907721 Abbots Ann in	Quote Description:	Freshwater analysis Sampled on:	18-Feb-15 (	@ 08:4	0		
Quote No:	7163		Matrix:	Freshwater				
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		9.98	mg/l			None	NLS	864
Orthophosphat	te, Filtered as P	<0.010	)0 mg/l		0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	0.0300	) mg/l		0.03	UKAS	SX	25
Nitrite as N		0.0052	20 mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	9.99	mg/l		0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0110	) mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	)0 mg/l		0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc		<5	ug/l		5	UKAS	SX	34
Iron		<30	ug/l		30	UKAS	SX	38
Magnesium		1.96	mg/l		0.3	UKAS	SX	38
Potassium		1.01	mg/l		0.1	UKAS	SX	38

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## **Analytical Report**

Final Report

Report ID - 20075334 - 1

Batch description: Aqueous samples



Reported on: 27-Feb-2015

Client:	Vitacress Salads Ltd.		Project:	Freshwate	r analys	sis		
Folder No: Comments:	002907722 Abbots Ann out	Quote Description:	Freshwater analysis Sampled on:	18-Feb-15	@ 08:5	60		
Quote No:	7163		Matrix:	Freshwate	r			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	tcode
Nitrate as N		9.56	mg/l			None	NLS	864
Orthophosphat	te, Filtered as P	0.0160	) mg/l		0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	<0.030	)0 mg/l		0.03	UKAS	SX	25
Nitrite as N		0.0053	30 mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	9.57	mg/l		0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0160	) mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	)0 mg/l		0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc		<5	ug/l		5	UKAS	SX	34
Iron		<30	ug/l		30	UKAS	SX	38
Magnesium		1.93	mg/l		0.3	UKAS	SX	38
Potassium		1.01	mg/l		0.1	UKAS	SX	38

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## **Analytical Report**

Final Report

Report ID - 20075334 - 1

Batch description: Aqueous samples



Reported on: 27-Feb-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project Freshwater analysis		Freshwate	r analys	sis		
Folder No: Comments:	002907723 SMB River		Sampled on		18-Feb-15	@ 09:2	:0		
Quote No:	7163		Matrix	c	Freshwate	r			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	Fla	ag	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<7.74	mg/l				None	NLS	864
Orthophosphat	te, Filtered as P	0.0490	) mg/l			0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	<0.030	)0 mg/l			0.03	UKAS	SX	25
Nitrite as N		< 0.004	100 mg/l			0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	7.74	mg/l			0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0480	) mg/l			0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0540	) mg/l			0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	3.53	mg/l			3	UKAS	SX	869
Zinc		<5	ug/l			5	UKAS	SX	34
Iron		63.2	ug/l			30	UKAS	SX	38
Magnesium		1.69	mg/l			0.3	UKAS	SX	38
Potassium		1.00	mg/l			0.1	UKAS	SX	38

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## **Analytical Report**

Final Report

Report ID - 20075334 - 1

Batch description: Aqueous samples



Reported on: 27-Feb-2015

Client:	Vitacress Salads Ltd.		Project:	Freshwater analy	sis		
		Quote Description:	Freshwater analysis				
Folder No:	002907724		Sampled on:	18-Feb-15 @ 09::	25		
Comments:	SMB D out						
Quote No:	7163		Matrix:	Freshwater			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	Flag <u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		12.0	mg/l		None	NLS	864
Orthophosphat	e, Filtered as P	5.13	mg/l	0.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	2.46	mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0130	) mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	l Oxidised as N	12.0	mg/l	0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	4.35	mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	4.66	mg/l	0.02	UKAS	SX	235
Solids, Suspen	ded at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		5.25	mg/l	0.3	UKAS	SX	38
Potassium		20.1	mg/l	0.1	UKAS	SX	38

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## **Analytical Report**

Final Report

Report ID - 20075334 - 1

Batch description: Aqueous samples



Reported on: 27-Feb-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater analy	sis		
Folder No: Comments:	002907725 SMB B out		Sampled on:	18-Feb-15 @ 09::	35		
Quote No:	7163		Matrix:	Freshwater			
Analyte		<u>Result</u>	<u>Units</u>	Flag <u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		9.30	mg/l		None	NLS	864
Orthophosphat	te, Filtered as P	0.751	mg/l	0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	0.344	mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0044	0 mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	9.30	mg/l	0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.723	mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.778	mg/l	0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		2.24	mg/l	0.3	UKAS	SX	38
Potassium		4.82	mg/l	0.1	UKAS	SX	38

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## **Analytical Report**

Final Report

Report ID - 20075334 - 1

Batch description: Aqueous samples



Reported on: 27-Feb-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project Freshwater analysis		Freshwate	r analys	is		
Folder No: Comments:	002907726 SMB D in		Sampled on		18-Feb-15	@ 09:4	0		
Quote No:	7163		Matrix	c:	Freshwate	r			
Analyte		<u>Result</u>	<u>Units</u>	Fla	ag	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<7.40	mg/l				None	NLS	864
Orthophosphat	e, Filtered as P	0.0360	) mg/l			0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	<0.030	)0 mg/l			0.03	UKAS	SX	25
Nitrite as N		< 0.004	100 mg/l			0.004	UKAS	SX	25
Nitrogen : Tota	l Oxidised as N	7.40	mg/l			0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	0.0270	) mg/l			0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0254	l mg/l			0.02	UKAS	SX	235
Solids, Suspen	ided at 105 C	<3	mg/l			3	UKAS	SX	869
Zinc		<5	ug/l			5	UKAS	SX	34
Iron		<30	ug/l			30	UKAS	SX	38
Magnesium		1.66	mg/l			0.3	UKAS	SX	38
Potassium		0.941	mg/l			0.1	UKAS	SX	38

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## **Analytical Report**

Final Report

Report ID - 20075334 - 1

Batch description: Aqueous samples



Reported on: 27-Feb-2015

Client:	Vitacress Salads Ltd.		Project		Freshwate	r analys	is		
Folder No: Comments:	002907727 SMB B in	Quote Description:	Freshwater analysis Sampled on		18-Feb-15	@ 09:5	0		
Quote No:	7163		Matrix	c	Freshwate	r			
<u>Analyte</u>		Result	<u>Units</u>	FI	lag	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<7.84	mg/l				None	NLS	864
Orthophosphat	te, Filtered as P	0.0190	) mg/l			0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	<0.030	)0 mg/l			0.03	UKAS	SX	25
Nitrite as N		< 0.004	100 mg/l			0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	7.84	mg/l			0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0190	) mg/l			0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	)0 mg/l			0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/l			3	UKAS	SX	869
Zinc		<5	ug/l			5	UKAS	SX	34
Iron		<30	ug/l			30	UKAS	SX	38
Magnesium		1.71	mg/l			0.3	UKAS	SX	38
Potassium		0.803	mg/l			0.1	UKAS	SX	38

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## **Analytical Report**

Final Report

Report ID - 20075334 - 1

Batch description: Aqueous samples



Reported on: 27-Feb-2015

Client:	Vitacress Salads Ltd.	Quete Description:	Project		Freshwater	analys	is		
Folder No: Comments:	002907728 Spetisbury in	Quote Description:	Freshwater analysis Sampled on		18-Feb-15 (	@ 07:0	5		
Quote No:	7163		Matrix	:	Freshwater				
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u>Fla</u>	ag	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<10.7	mg/l				None	NLS	864
Orthophosphat	te, Filtered as P	0.0150	) mg/l			0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	< 0.030	)0 mg/l			0.03	UKAS	SX	25
Nitrite as N		< 0.004	100 mg/l			0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	10.7	mg/l			0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0140	) mg/l			0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	)0 mg/l			0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/l			3	UKAS	SX	869
Zinc		<5	ug/l			5	UKAS	SX	34
Iron		<30	ug/l			30	UKAS	SX	38
Magnesium		2.44	mg/l			0.3	UKAS	SX	38
Potassium		1.78	mg/l			0.1	UKAS	SX	38

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## **Analytical Report**

Final Report

Report ID - 20075334 - 1

Batch description: Aqueous samples



Reported on: 27-Feb-2015

Client:	Vitacress Salads Ltd.	Quete Description:	Projec		Freshwate	r analys	sis		
Folder No: Comments:	002907729 Warnford in	Quote Description:	Freshwater analysi Sampled or		18-Feb-15	@ 12:3	0		
Quote No:	7163		Matrix	x:	Freshwate	r			
Analyte		<u>Result</u>	<u>Units</u>	F	lag	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<8.59	mg/l				None	NLS	864
Orthophosphat	te, Filtered as P	0.0190	) mg/l			0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	<0.030	)0 mg/l			0.03	UKAS	SX	25
Nitrite as N		< 0.004	l00 mg/l			0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	8.59	mg/l			0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0190	) mg/l			0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	00 mg/l			0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	<3	mg/l			3	UKAS	SX	869
Zinc		<5	ug/l			5	UKAS	SX	34
Iron		<30	ug/l			30	UKAS	SX	38
Magnesium		2.34	mg/l			0.3	UKAS	SX	38
Potassium		0.674	mg/l			0.1	UKAS	SX	38

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## **Analytical Report**

Final Report

Report ID - 20075334 - 1

Batch description: Aqueous samples



Reported on: 27-Feb-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project Freshwater analysis		Freshwate	r analys	is		
Folder No: Comments:	002907730 Warnford out		Sampled or		18-Feb-15	@ 12:3	5		
Quote No:	7163		Matrix	c	Freshwate	r			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	FI	lag	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<8.33	mg/l				None	NLS	864
Orthophosphat	te, Filtered as P	0.0110	) mg/l			0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	<0.030	)0 mg/l			0.03	UKAS	SX	25
Nitrite as N		< 0.004	100 mg/l			0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	8.33	mg/l			0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0100	) mg/l			0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	)0 mg/l			0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	<3	mg/l			3	UKAS	SX	869
Zinc		<5	ug/l			5	UKAS	SX	34
Iron		<30	ug/l			30	UKAS	SX	38
Magnesium		2.20	mg/l			0.3	UKAS	SX	38
Potassium		0.649	mg/l			0.1	UKAS	SX	38

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## **Analytical Report**

Final Report

Report ID - 20075334 - 1

Batch description: Aqueous samples



Reported on: 27-Feb-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project Freshwater analysis		Freshwater	analys	is		
Folder No: Comments:	002907731 Spetisbury out		Sampled on		18-Feb-15 (	@ 17:1	5		
Quote No:	7163		Matrix	:	Freshwater				
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u>Fla</u>	ag	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<11.5	mg/l				None	NLS	864
Orthophosphat	te, Filtered as P	0.0200	) mg/l			0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	<0.030	)0 mg/l			0.03	UKAS	SX	25
Nitrite as N		< 0.004	100 mg/l			0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	11.5	mg/l			0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0130	) mg/l			0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0518	3 mg/l			0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	6.63	mg/l			3	UKAS	SX	869
Zinc		<5	ug/l			5	UKAS	SX	34
Iron		35.2	ug/l			30	UKAS	SX	38
Magnesium		2.52	mg/l			0.3	UKAS	SX	38
Potassium		2.97	mg/l			0.1	UKAS	SX	38

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## **Analytical Report**

Final Report

Report ID - 20075334 - 1

Batch description: Aqueous samples



Reported on: 27-Feb-2015

Client:	Vitacress Salads Ltd.		Projec		Freshwate	r analys	sis		
Folder No: Comments:	002907732 Islington pump	Quote Description:	Freshwater analysis Sampled or		18-Feb-15	@ 08:0	0		
Quote No:	7163		Matrix	<b>k</b> :	Freshwate	r			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	F	lag	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<9.67	mg/l				None	NLS	864
Orthophosphat	te, Filtered as P	<0.010	)0 mg/l			0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	< 0.030	)0 mg/l			0.03	UKAS	SX	25
Nitrite as N		< 0.004	100 mg/l			0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	9.67	mg/l			0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	<0.010	)0 mg/l			0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	)0 mg/l			0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/l			3	UKAS	SX	869
Zinc		<5	ug/l			5	UKAS	SX	34
Iron		<30	ug/l			30	UKAS	SX	38
Magnesium		2.78	mg/l			0.3	UKAS	SX	38
Potassium		1.24	mg/l			0.1	UKAS	SX	38

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## **Analytical Report**

Final Report

Report ID - 20075334 - 1

Batch description: Aqueous samples



Reported on: 27-Feb-2015

Client:	Vitacress Salads Ltd.		Project		ter analys	sis		
Folder No: Comments:	002907733 Islington out	Quote Description:	Freshwater analysis Sampled on		15 @ 08:0	5		
Quote No:	7163		Matrix	Freshwa	ter			
Analyte		<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<8.49	mg/l			None	NLS	864
Orthophosphat	te, Filtered as P	0.0130	) mg/l		0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	<0.030	)0 mg/l		0.03	UKAS	SX	25
Nitrite as N		<0.004	100 mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	8.49	mg/l		0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0140	) mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	0.200	mg/l		0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	19.0	mg/l		3	UKAS	SX	869
Zinc		<5	ug/l		5	UKAS	SX	34
Iron		<30	ug/l		30	UKAS	SX	38
Magnesium		2.74	mg/l		0.3	UKAS	SX	38
Potassium		1.49	mg/l		0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



## **Analytical Report**

Final Report

Report ID - 20075334 - 1

Batch description: Aqueous samples



Reported on: 27-Feb-2015

Client:	Vitacress Salads Ltd.		Project	Fres	hwater analys	is		
		Quote Description:	Freshwater analysis					
Folder No:	002907734		Sampled on	: 18-Fe	eb-15 @ 08:3	5		
Comments:	Doddings out				-			
Quote No:	7163		Matrix	: Fresl	nwater			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<8.49	mg/l			None	NLS	864
Orthophospha	te, Filtered as P	0.0120	) mg/l		0.01	UKAS	SX	237
Ammoniacal N	litrogen as N	<0.030	)0 mg/l		0.03	UKAS	SX	25
Nitrite as N		< 0.004	100 mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	al Oxidised as N	8.49	mg/l		0.2	UKAS	SX	25
Orthophospha	te, reactive as P	0.0140	) mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	0.379	mg/l		0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	34.7	mg/l		3	UKAS	SX	869
Zinc		<5	ug/l		5	UKAS	SX	34
Iron		<30	ug/l		30	UKAS	SX	38
Magnesium		2.77	mg/l		0.3	UKAS	SX	38
Potassium		1.49	mg/l		0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



## **Analytical Report**

Final Report

Report ID - 20075334 - 1

Batch description: Aqueous samples



Reported on: 27-Feb-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Projec Freshwater analysis		Freshwate	r analys	is		
Folder No: Comments:	002907735 Hollybush in		Sampled or		18-Feb-15	@ 08:4	5		
Quote No:	7163		Matrix	<b>k</b> :	Freshwate	r			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	F	lag	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<10.8	mg/l				None	NLS	864
Orthophosphat	te, Filtered as P	0.0140	) mg/l			0.01	UKAS	SX	237
Ammoniacal N	litrogen as N	<0.030	)0 mg/l			0.03	UKAS	SX	25
Nitrite as N		< 0.004	100 mg/l			0.004	UKAS	SX	25
Nitrogen : Tota	al Oxidised as N	10.8	mg/l			0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0150	) mg/l			0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	00 mg/l			0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	4.08	mg/l			3	UKAS	SX	869
Zinc		<5	ug/l			5	UKAS	SX	34
Iron		<30	ug/l			30	UKAS	SX	38
Magnesium		2.41	mg/l			0.3	UKAS	SX	38
Potassium		1.76	mg/l			0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



## **Analytical Report**

Final Report

Report ID - 20075334 - 1

Batch description: Aqueous samples



Reported on: 27-Feb-2015

Client:	Vitacress Salads Ltd.	Quete Description	Proje		Freshwate	r analys	sis		
Folder No: Comments:	002907736 Doddings in	Quote Description:	Freshwater analys Sampled		18-Feb-15	@ 08:3	0		
Quote No:	7163		Mat	rix:	Freshwate	r			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	ŀ	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<9.72	mg/l				None	NLS	864
Orthophosphat	te, Filtered as P	<0.010	)0 mg/l			0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	<0.030	)0 mg/l			0.03	UKAS	SX	25
Nitrite as N		< 0.004	100 mg/l			0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	9.72	mg/l			0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	<0.010	)0 mg/l			0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	)0 mg/l			0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/l			3	UKAS	SX	869
Zinc		<5	ug/l			5	UKAS	SX	34
Iron		<30	ug/l			30	UKAS	SX	38
Magnesium		2.81	mg/l			0.3	UKAS	SX	38
Potassium		1.24	mg/l			0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



## **Analytical Report**

Final Report

Report ID - 20075334 - 1

Batch description: Aqueous samples



Reported on: 27-Feb-2015

Client:	Vitacress Salads Ltd.	Quete Description	Project	-	eshwater analys	is		
Folder No: Comments:	002907737 Hollybush out	Quote Description:	Freshwater analysis Sampled on		-Feb-15 @ 08:5	0		
Quote No:	7163		Matrix	: Fr	eshwater			
<u>Analyte</u>		Result	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<11.9	mg/l			None	NLS	864
Orthophosphat	te, Filtered as P	0.0140	) mg/l		0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	<0.030	)0 mg/l		0.03	UKAS	SX	25
Nitrite as N		< 0.004	l00 mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	11.9	mg/l		0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0140	) mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0738	3 mg/l		0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	7.08	mg/l		3	UKAS	SX	869
Zinc		<5	ug/l		5	UKAS	SX	34
Iron		40.3	ug/l		30	UKAS	SX	38
Magnesium		2.50	mg/l		0.3	UKAS	SX	38
Potassium		2.89	mg/l		0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



## **Analytical Report**

Final Report

Report ID - 20075334 - 1

Batch description: Aqueous samples



Reported on: 27-Feb-2015

Client:	Vitacress Salads Ltd.		Project Freshwater analysis	-	hwater analys	is					
Folder No: Comments:	002907738 Manor in				18-Feb-15 @ 09:00						
Quote No:	7163		Matrix	Fres	hwater						
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode			
Nitrate as N		<12.3	mg/l			None	NLS	864			
Orthophosphat	te, Filtered as P	0.0140	mg/l		0.01	UKAS	SX	237			
Ammoniacal N	litrogen as N	<0.030	0 mg/l		0.03	UKAS	SX	25			
Nitrite as N		<0.004	.00 mg/l		0.004	UKAS	SX	25			
Nitrogen : Tota	al Oxidised as N	12.3	mg/l		0.2	UKAS	SX	25			
Orthophosphat	te, reactive as P	0.0150	mg/l		0.01	UKAS	SX	25			
Phosphate : To	otal as P	<0.020	0 mg/l		0.02	UKAS	SX	235			
Solids, Susper	nded at 105 C	<3	mg/l		3	UKAS	SX	869			
Zinc		<5	ug/l		5	UKAS	SX	34			
Iron		<30	ug/l		30	UKAS	SX	38			
Magnesium		2.86	mg/l		0.3	UKAS	SX	38			
Potassium		2.30	mg/l		0.1	UKAS	SX	38			

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## **Analytical Report**

Final Report

Report ID - 20075334 - 1

Batch description: Aqueous samples



Reported on: 27-Feb-2015

Client:	Vitacress Salads Ltd.		i reject.				Freshwater analysis						
Folder No: Comments:	002907739 Manor out	Quote Description:	Freshwater analysis Sampled on:	18-Feb-15 @	09:1	0							
Quote No:	7163		Matrix:	Freshwater									
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u>Flag </u> <u>N</u>	<u>//RV</u>	<u>Accred</u>	Lab ID_Tes	stcode					
Nitrate as N		9.96	mg/l			None	NLS	864					
Orthophospha	te, Filtered as P	0.0550	) mg/l	0	.01	UKAS	SX	237					
Ammoniacal N	litrogen as N	<0.030	00 mg/l	0	.03	UKAS	SX	25					
Nitrite as N		0.0112	2 mg/l	0	.004	UKAS	SX	25					
Nitrogen : Tota	al Oxidised as N	9.97	mg/l	0	.2	UKAS	SX	25					
Orthophospha	te, reactive as P	0.0600	) mg/l	0	.01	UKAS	SX	25					
Phosphate : To	otal as P	0.0737	′ mg/l	0	.02	UKAS	SX	235					
Solids, Susper	nded at 105 C	8.78	mg/l	3		UKAS	SX	869					
Zinc		<5	ug/l	5		UKAS	SX	34					
Iron		129	ug/l	3	0	UKAS	SX	38					
Magnesium		2.62	mg/l	0	.3	UKAS	SX	38					
Potassium		1.49	mg/l	0	.1	UKAS	SX	38					

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



**Analytical Report** 

Final Report

Report ID - 20075334 - 1



Batch description: Aqueous samples

Reported on: 27-Feb-2015

#### Method Description Summary for all samples in batch Number 20075334

- 25 SX I Nutrients determined colorimetrically by CF autoanalyser
- 34 SX M ICPMS Routine Metals acid digested; determined by ICPMS
- 38 SX M ICPOES Routine Metals acid digested; determined by ICPOES 235 SX I Phosphate - (total) - digested; determined colorimetrically by autoana
- SX I Phosphate (total) digested; determined colorimetrically by autoanalyser
  SX I Saline Nutrients determined colorimetrically by discrete analyser
- 864 Parameter by calculation
- 869 SX I Suspended Solids filtered; determined by gravimetry

#### James Trout Laboratory Site Manager

All reporting limits quoted are those achievable for clean samples of the relevant matrix. No allowance is made for instances when dilutions are necessary owing to the nature of the sample or insufficient volume of the sample being available. In these cases higher reporting limits may be quoted and will be above the MRV.

Solid sample results are determined on a "dried" sample fraction except for parameters where the method description identifies that "as received" sample was used.

Key to Results Flags:

D1 Sample was received in a container unsuitable for this test. It is possible results may be compromised

The analysis start date specified is the date of the first test, dates for other analysis are available on request.

Please note all samples will be retained for 10 working days for aqueous samples and 30 working days for solid samples after reporting unless otherwise agreed with Customer Services

Key to Accreditation: UKAS = Methodology accredited to ISO/IEC 17025:2005, MCertS = Methodology accredited to MCertS Performance Standard for testing of soils, none = Methodology not accredited

Key to Lab ID: LE = Leeds, NM = Nottingham, SX = Starcross, SC = Sub-Contracted outside NLS, FI = Field Data - outside NLS, NLS = Calculated Any subsequent version of this report denoted with a higher version number will supersede this and any previous versions

#### END OF TEST REPORT

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



#### **Analytical Report**

Final Report

Report ID - 20076935 - 1

Batch description: Aqueous samples for analysis



Reported on: 13-Apr-2015

Doreen Hall Vitacress Salads Ltd. Manor Farm Southbrook Bereregis Dorset BH20 7LH

Dear Doreen

Please find attached the results for the batch of 23 samples described below.

Samples Registered on:	27-Mar-2015
Analysis Started on:	27-Mar-2015
Analysis Completed on:	13-Apr-2015
Results for Batch Number	20076935
Your Purchase Order Number:	B10017158
You will be invoiced shortly by our accounts department.	

If we can be of further assistance then please do not hesitate to contact us.

Yours sincerely

Vici Morgan Customer Services Team Leader Tel: (0113) 231 2178 nls@environment-agency.gov.uk

Opinions and interpretations expressed herein are outside the scope of UKAS Accreditation. Details of analytical procedures and performance data are available on request. The date of sample analysis is available on request.

The Environment Agency carries out analytical work to high standards and within the scope of its UKAS accreditation, but has no knowledge of whether the circumstances or the validity of the procedures used to obtain the samples provided to the laboratory were representative of the need for which the information was required.

The Environment Agency and/or its staff does not therefore accept any liability for the consequences of any acts or omissions made on the basis of the analysis or advice or interpretation provided.

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



## **Analytical Report**

Final Report

Report ID - 20076935 - 1

Batch description: Aqueous samples for analysis



Reported on: 13-Apr-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Proje Freshwater analys		Freshwate	er analys	sis		
Folder No: Comments:	002907740 Spetisbury in		Sampled o		26-Mar-15	@ 07:0	5		
Quote No:	7163		Matr	ix:	Freshwate	er			
Analyte		<u>Result</u>	<u>Units</u>	<u></u>	lag	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<10.1	mg/l				None	NLS	864
Orthophosphat	te, Filtered as P	0.0140	) mg/l			0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	<0.030	)0 mg/l			0.03	UKAS	SX	25
Nitrite as N		<0.004	100 mg/l			0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	10.1	mg/l			0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0130	) mg/l			0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	)0 mg/l			0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/l			3	UKAS	SX	869
Zinc		<5	ug/l			5	UKAS	SX	34
Iron		<30	ug/l			30	UKAS	SX	38
Magnesium		2.28	mg/l			0.3	UKAS	SX	38
Potassium		1.77	mg/l			0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



## **Analytical Report**

Final Report

Report ID - 20076935 - 1

Batch description: Aqueous samples for analysis



Reported on: 13-Apr-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Proj Freshwater analy		Freshwate	er analys	sis		
Folder No: Comments:	002907741 Spetisbury out		Sampled		26-Mar-18	5 @ 07:1	0		
Quote No:	7163		Ma	trix:	Freshwate	ər			
Analyte		<u>Result</u>	<u>Units</u>	<u> </u>	lag	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<9.95	mg/l				None	NLS	864
Orthophosphat	te, Filtered as P	<0.010	)0 mg/l			0.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	< 0.030	)0 mg/l			0.03	UKAS	SX	25
Nitrite as N		< 0.004	l00 mg/l			0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	9.95	mg/l			0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	<0.010	)0 mg/l			0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	)0 mg/l			0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/l			3	UKAS	SX	869
Zinc		<5	ug/l			5	UKAS	SX	34
Iron		<30	ug/l			30	UKAS	SX	38
Magnesium		2.31	mg/l			0.3	UKAS	SX	38
Potassium		1.68	mg/l			0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



## **Analytical Report**

Final Report

Report ID - 20076935 - 1

Batch description: Aqueous samples for analysis



Reported on: 13-Apr-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Proje Freshwater analys		Freshwate	er analys	sis		
Folder No: Comments:	002907742 Manor in		Sampled c		26-Mar-15	5 @ 07:4	0		
Quote No:	7163		Matr	ix:	Freshwate	er			
Analyte		<u>Result</u>	<u>Units</u>	<u></u>	lag	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<12.0	mg/l				None	NLS	864
Orthophosphat	te, Filtered as P	0.0130	) mg/l			0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	<0.030	)0 mg/l			0.03	UKAS	SX	25
Nitrite as N		< 0.004	100 mg/l			0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	12.0	mg/l			0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0130	) mg/l			0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	)0 mg/l			0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/l			3	UKAS	SX	869
Zinc		<5	ug/l			5	UKAS	SX	34
Iron		<30	ug/l			30	UKAS	SX	38
Magnesium		2.81	mg/l			0.3	UKAS	SX	38
Potassium		2.30	mg/l			0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



## **Analytical Report**

Final Report

Report ID - 20076935 - 1

Batch description: Aqueous samples for analysis



Reported on: 13-Apr-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Proje Freshwater analys		Freshwate	er analys	sis		
Folder No: Comments:	002907743 Manor out		Sampled o		26-Mar-15	@ 07:5	50		
Quote No:	7163		Matr	rix:	Freshwate	er			
Analyte		<u>Result</u>	<u>Units</u>	<u></u>	lag	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	tcode
Nitrate as N		<12.0	mg/l				None	NLS	864
Orthophosphate	e, Filtered as P	0.0120	) mg/l			0.01	UKAS	SX	237
Ammoniacal Ni	trogen as N	<0.030	)0 mg/l			0.03	UKAS	SX	25
Nitrite as N		<0.004	l00 mg/l			0.004	UKAS	SX	25
Nitrogen : Total	I Oxidised as N	12.0	mg/l			0.2	UKAS	SX	25
Orthophosphate	e, reactive as P	0.0130	) mg/l			0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	00 mg/l			0.02	UKAS	SX	235
Solids, Suspen	ded at 105 C	<3	mg/l			3	UKAS	SX	869
Zinc		<5	ug/l			5	UKAS	SX	34
Iron		<30	ug/l			30	UKAS	SX	38
Magnesium		2.77	mg/l			0.3	UKAS	SX	38
Potassium		2.41	mg/l			0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



## **Analytical Report**

Final Report

Report ID - 20076935 - 1

Batch description: Aqueous samples for analysis



Reported on: 13-Apr-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Pro Freshwater anal	ject: vsis	Freshwat	er analys	sis		
Folder No: Comments:	002907744 Doddings in		Sampleo	-	26-Mar-1	5 @ 08:0	0		
Quote No:	7163		Ма	atrix:	Freshwat	er			
Analyte		<u>Result</u>	<u>Units</u>	<u>I</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID_Tes</u>	<u>stcode</u>
Nitrate as N		<9.08	mg/l				None	NLS	864
Orthophosphat	te, Filtered as P	<0.010	)0 mg/l			0.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	< 0.030	)0 mg/l			0.03	UKAS	SX	25
Nitrite as N		< 0.004	100 mg/l			0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	9.08	mg/l			0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	<0.010	)0 mg/l			0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	)0 mg/l			0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/l			3	UKAS	SX	869
Zinc		<5	ug/l			5	UKAS	SX	34
Iron		<30	ug/l			30	UKAS	SX	38
Magnesium		2.71	mg/l			0.3	UKAS	SX	38
Potassium		1.23	mg/l			0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



## **Analytical Report**

Final Report

Report ID - 20076935 - 1

Batch description: Aqueous samples for analysis



Reported on: 13-Apr-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Proj Freshwater analy	ect: /sis	Freshwate	er analys	sis		
Folder No: Comments:	002907745 Doddings out		Sampled		26-Mar-18	5 @ 08:1	0		
Quote No:	7163		Ма	trix:	Freshwate	ər			
Analyte		<u>Result</u>	<u>Units</u>	<u> </u>	-lag	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	<u>stcode</u>
Nitrate as N		<8.34	mg/l				None	NLS	864
Orthophosphat	e, Filtered as P	<0.010	)0 mg/l			0.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	<0.030	)0 mg/l			0.03	UKAS	SX	25
Nitrite as N		<0.004	l00 mg/l			0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	8.34	mg/l			0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	<0.010	00 mg/l			0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	00 mg/l			0.02	UKAS	SX	235
Solids, Suspen	ded at 105 C	<3	mg/l			3	UKAS	SX	869
Zinc		<5	ug/l			5	UKAS	SX	34
Iron		<30	ug/l			30	UKAS	SX	38
Magnesium		2.70	mg/l			0.3	UKAS	SX	38
Potassium		1.44	mg/l			0.1	UKAS	SX	38

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## **Analytical Report**

Final Report

Report ID - 20076935 - 1

Batch description: Aqueous samples for analysis



Reported on: 13-Apr-2015

Client: Vitac	cress Salads Ltd.	Quote Description:	Freshwate	Project: er analysis	Freshwate	r analys	is		
	907746 gton in			impled on:	26-Mar-15	@ 08:2	0		
Quote No: 716	3			Matrix:	Freshwate	r			
Analyte		<u>Result</u>		<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<9.16	mg	I/I			None	NLS	864
Orthophosphate, Filte	red as P	<0.010	00 mg	I/I		0.01	UKAS	SX	237
Ammoniacal Nitrogen	as N	<0.030	00 mg	I/I		0.03	UKAS	SX	25
Nitrite as N		<0.004	00 mg	I/I		0.004	UKAS	SX	25
Nitrogen : Total Oxidis	sed as N	9.16	mg	I/I		0.2	UKAS	SX	25
Orthophosphate, reac	tive as P	<0.010	)0 mg	I/I		0.01	UKAS	SX	25
Phosphate : Total as I	Р	<0.020	)0 mg	I/I		0.02	UKAS	SX	235
Solids, Suspended at	105 C	<3	mg	I/I		3	UKAS	SX	869
Zinc		<5	ug	/		5	UKAS	SX	34
Iron		<30	ug	/		30	UKAS	SX	38
Magnesium		2.68	mg	ı/I		0.3	UKAS	SX	38
Potassium		2.15	mg	ı/I		0.1	UKAS	SX	38

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## **Analytical Report**

Final Report

Report ID - 20076935 - 1

Batch description: Aqueous samples for analysis



Reported on: 13-Apr-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Freshwat	Project: er analysis	Freshwate	er analys	sis		
	002907747 Ilsington out	Quere 2 000.p.10		ampled on:	26-Mar-15	5 @ 08:2	25		
Quote No:	7163			Matrix:	Freshwate	er			
Analyte		<u>Result</u>		<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<8.21	m	g/l			None	NLS	864
Orthophosphate,	Filtered as P	<0.010	00 m	g/l		0.01	UKAS	SX	237
Ammoniacal Nitro	ogen as N	<0.030	00 m	g/l		0.03	UKAS	SX	25
Nitrite as N		< 0.004	100 m	g/l		0.004	UKAS	SX	25
Nitrogen : Total C	Oxidised as N	8.21	m	g/l		0.2	UKAS	SX	25
Orthophosphate,	reactive as P	<0.010	00 m	g/l		0.01	UKAS	SX	25
Phosphate : Tota	al as P	<0.020	00 m	g/l		0.02	UKAS	SX	235
Solids, Suspende	ed at 105 C	<3	m	g/l		3	UKAS	SX	869
Zinc		<5	u	g/l		5	UKAS	SX	34
Iron		<30	u	g/l		30	UKAS	SX	38
Magnesium		2.62	m	ig/l		0.3	UKAS	SX	38
Potassium		1.44	m	g/l		0.1	UKAS	SX	38

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## **Analytical Report**

Final Report

Report ID - 20076935 - 1

Batch description: Aqueous samples for analysis



Reported on: 13-Apr-2015

Client: Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater	analys	sis		
Folder No: 002907748 Comments: Hollybush in		Sampled on:	26-Mar-15	@ 08:4	0		
Quote No: 7163		Matrix:	Freshwater				
Analyte	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N	<11.7	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0140	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	0 mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.004	00 mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	11.7	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0130	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	0 mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.78	mg/l		0.3	UKAS	SX	38
Potassium	0.855	mg/l		0.1	UKAS	SX	38

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## **Analytical Report**

Final Report

Report ID - 20076935 - 1

Batch description: Aqueous samples for analysis



Reported on: 13-Apr-2015

Client: Vitac	ress Salads Ltd.	Quote Description:	Freshwater a	Project: analvsis	Freshwate	r analys	is		
	07749 bush out			pled on:	26-Mar-15	@ 08:5	0		
Quote No: 7163	3			Matrix:	Freshwate	r			
Analyte		<u>Result</u>	<u>Uni</u>	<u>ts F</u>	-lag	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		10.7	mg/l				None	NLS	864
Orthophosphate, Filter	red as P	<0.010	00 mg/l	L	DC	0.01	UKAS	SX	237
Ammoniacal Nitrogen	as N	<0.030	00 mg/l			0.03	UKAS	SX	25
Nitrite as N		0.0048	0 mg/l			0.004	UKAS	SX	25
Nitrogen : Total Oxidis	ed as N	10.7	mg/l			0.2	UKAS	SX	25
Orthophosphate, react	tive as P	<0.010	00 mg/l			0.01	UKAS	SX	25
Phosphate : Total as F	þ	<0.020	00 mg/l			0.02	UKAS	SX	235
Solids, Suspended at 7	105 C	<3	mg/l			3	UKAS	SX	869
Zinc		<5	ug/l			5	UKAS	SX	34
Iron		<30	ug/l			30	UKAS	SX	38
Magnesium		2.51	mg/l			0.3	UKAS	SX	38
Potassium		0.909	mg/l			0.1	UKAS	SX	38

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## **Analytical Report**

Final Report

Report ID - 20076935 - 1

Batch description: Aqueous samples for analysis



Reported on: 13-Apr-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Proj Freshwater analy		Freshwate	er analys	sis		
Folder No: Comments:	002907750 SMB river		Sampled		26-Mar-18	5 @ 07:0	0		
Quote No:	7163		Ma	trix:	Freshwate	er			
Analyte		<u>Result</u>	<u>Units</u>	<u> </u>	-lag	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<7.09	mg/l				None	NLS	864
Orthophosphat	te, Filtered as P	0.0380	) mg/l			0.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	<0.030	)0 mg/l			0.03	UKAS	SX	25
Nitrite as N		<0.004	l00 mg/l			0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	7.09	mg/l			0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0370	) mg/l			0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0408	8 mg/l			0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/l			3	UKAS	SX	869
Zinc		<5	ug/l			5	UKAS	SX	34
Iron		47.8	ug/l			30	UKAS	SX	38
Magnesium		1.68	mg/l			0.3	UKAS	SX	38
Potassium		0.939	mg/l			0.1	UKAS	SX	38

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## **Analytical Report**

Final Report

Report ID - 20076935 - 1

Batch description: Aqueous samples for analysis



Reported on: 13-Apr-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater a	inalys	is		
Folder No: Comments:	002907751 SMB D out	Quole Description.	Sampled on:	26-Mar-15 @	07:1	0		
Quote No:	7163		Matrix:	Freshwater				
Analyte		<u>Result</u>	<u>Units</u>	Flag <u>N</u>	<u>IRV</u>	<u>Accred</u>	<u>Lab ID_Tes</u>	tcode
Nitrate as N		5.97	mg/l			None	NLS	864
Orthophosphat	te, Filtered as P	0.0150	mg/l	0	.01	UKAS	SX	237
Ammoniacal N	itrogen as N	0.0970	mg/l	0	.03	UKAS	SX	25
Nitrite as N		0.0149	mg/l	0	.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	5.98	mg/l	0	.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0140	mg/l	0	.01	UKAS	SX	25
Phosphate : To	otal as P	0.0453	mg/l	0	.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	3.00	mg/l	3		UKAS	SX	869
Zinc		<5	ug/l	5		UKAS	SX	34
Iron		<30	ug/l	3	0	UKAS	SX	38
Magnesium		1.37	mg/l	0	.3	UKAS	SX	38
Potassium		2.43	mg/l	0	.1	UKAS	SX	38

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## **Analytical Report**

Final Report

Report ID - 20076935 - 1

Batch description: Aqueous samples for analysis



Reported on: 13-Apr-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Projec Freshwater analys		Freshwate	r analys	sis		
Folder No: Comments:	002907752 SMB D in		Sampled o		26-Mar-15	@ 07:2	0		
Quote No:	7163		Matr	ix:	Freshwate	er			
Analyte		<u>Result</u>	<u>Units</u>	<u></u>	lag	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<6.64	mg/l				None	NLS	864
Orthophosphat	te, Filtered as P	0.0280	) mg/l			0.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	<0.030	)0 mg/l			0.03	UKAS	SX	25
Nitrite as N		<0.004	100 mg/l			0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	6.64	mg/l			0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0270	) mg/l			0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0286	6 mg/l			0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/l			3	UKAS	SX	869
Zinc		<5	ug/l			5	UKAS	SX	34
Iron		<30	ug/l			30	UKAS	SX	38
Magnesium		1.58	mg/l			0.3	UKAS	SX	38
Potassium		0.935	mg/l			0.1	UKAS	SX	38

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## **Analytical Report**

Final Report

Report ID - 20076935 - 1

Batch description: Aqueous samples for analysis



Reported on: 13-Apr-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwa	ter analys	is		
Folder No: Comments:	002907753 SMB B in		Sampled on:	26-Mar-	15 @ 07:3	0		
Quote No:	7163		Matrix:	Freshwa	ter			
Analyte		<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<7.10	mg/l			None	NLS	864
Orthophosphat	e, Filtered as P	0.0190	) mg/l		0.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	<0.030	0 mg/l		0.03	UKAS	SX	25
Nitrite as N		<0.004	00 mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	l Oxidised as N	7.10	mg/l		0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	0.0190	) mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0211	mg/l		0.02	UKAS	SX	235
Solids, Suspen	ided at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc		<5	ug/l		5	UKAS	SX	34
Iron		<30	ug/l		30	UKAS	SX	38
Magnesium		1.65	mg/l		0.3	UKAS	SX	38
Potassium		0.776	mg/l		0.1	UKAS	SX	38

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## **Analytical Report**

Final Report

Report ID - 20076935 - 1

Batch description: Aqueous samples for analysis



Reported on: 13-Apr-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project Freshwater analysis	••	Freshwater analys	is		
Folder No: Comments:	002907754 SMB B out	2000 - 000 pilon	Sampled on		26-Mar-15 @ 07:3	5		
Quote No:	7163		Matrix	c I	Freshwater			
Analyte		<u>Result</u>	<u>Units</u>	Fla	g <u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<6.59	mg/l			None	NLS	864
Orthophosphat	e, Filtered as P	0.0300	) mg/l		0.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	<0.030	)0 mg/l		0.03	UKAS	SX	25
Nitrite as N		<0.004	100 mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	l Oxidised as N	6.59	mg/l		0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	0.0290	) mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0439	) mg/l		0.02	UKAS	SX	235
Solids, Suspen	ided at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc		<5	ug/l		5	UKAS	SX	34
Iron		<30	ug/l		30	UKAS	SX	38
Magnesium		1.67	mg/l		0.3	UKAS	SX	38
Potassium		1.04	mg/l		0.1	UKAS	SX	38

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## **Analytical Report**

Final Report

Report ID - 20076935 - 1

Batch description: Aqueous samples for analysis



Reported on: 13-Apr-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Projec Freshwater analysis	•••	Freshwater analy	sis		
Folder No: Comments:	002907755 Pinglstene in		Sampled or		26-Mar-15 @ 08:	00		
Quote No:	7163		Matrix	<b>x</b> :	Freshwater			
Analyte		<u>Result</u>	<u>Units</u>	Fla	ag <u>MRV</u>	<u>Accred</u>	Lab ID_Te:	<u>stcode</u>
Nitrate as N		<7.17	mg/l			None	NLS	864
Orthophosphat	te, Filtered as P	0.0230	) mg/l		0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	<0.030	)0 mg/l		0.03	UKAS	SX	25
Nitrite as N		<0.004	100 mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	7.17	mg/l		0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0230	) mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0237	′ mg/l		0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc		<5	ug/l		5	UKAS	SX	34
Iron		<30	ug/l		30	UKAS	SX	38
Magnesium		1.97	mg/l		0.3	UKAS	SX	38
Potassium		0.940	mg/l		0.1	UKAS	SX	38

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## **Analytical Report**

Final Report

Report ID - 20076935 - 1

Batch description: Aqueous samples for analysis



Reported on: 13-Apr-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project Freshwater analysis		ater analys	sis		
Folder No: Comments:	002907756 Pinglstene out		Sampled on		15 @ 08:0	5		
Quote No:	7163		Matrix	Freshwa	ater			
Analyte		<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		6.52	mg/l			None	NLS	864
Orthophosphat	e, Filtered as P	0.0120	) mg/l		0.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	<0.030	)0 mg/l		0.03	UKAS	SX	25
Nitrite as N		0.0049	90 mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	6.52	mg/l		0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	<0.010	)0 mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0451	l mg/l		0.02	UKAS	SX	235
Solids, Suspen	ded at 105 C	9.10	mg/l		3	UKAS	SX	869
Zinc		55.4	ug/l		5	UKAS	SX	34
Iron		<30	ug/l		30	UKAS	SX	38
Magnesium		3.06	mg/l		0.3	UKAS	SX	38
Potassium		1.71	mg/l		0.1	UKAS	SX	38

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## **Analytical Report**

Final Report

Report ID - 20076935 - 1

Batch description: Aqueous samples for analysis



Reported on: 13-Apr-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Projec Freshwater analys		Freshwate	r analys	sis		
Folder No: Comments:	002907757 Fobdown in		Sampled o		26-Mar-15	@ 08:1	0		
Quote No:	7163		Matri	ix:	Freshwate	r			
Analyte		<u>Result</u>	<u>Units</u>	<u></u>	lag	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<8.20	mg/l				None	NLS	864
Orthophosphat	e, Filtered as P	0.0260	) mg/l			0.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	<0.030	)0 mg/l			0.03	UKAS	SX	25
Nitrite as N		< 0.004	100 mg/l			0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	8.20	mg/l			0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	0.0250	) mg/l			0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0253	3 mg/l			0.02	UKAS	SX	235
Solids, Suspen	ded at 105 C	<3	mg/l			3	UKAS	SX	869
Zinc		<5	ug/l			5	UKAS	SX	34
Iron		<30	ug/l			30	UKAS	SX	38
Magnesium		2.00	mg/l			0.3	UKAS	SX	38
Potassium		0.987	mg/l			0.1	UKAS	SX	38

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## **Analytical Report**

Final Report

Report ID - 20076935 - 1

Batch description: Aqueous samples for analysis



Reported on: 13-Apr-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Proje Freshwater analys		Freshwate	r analys	sis		
Folder No: Comments:	002907758 Fobdown out		Sampled o		26-Mar-15	@ 08:1	5		
Quote No:	7163		Matr	ix:	Freshwate	r			
Analyte		<u>Result</u>	<u>Units</u>	<u></u>	lag	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	tcode
Nitrate as N		<7.18	mg/l				None	NLS	864
Orthophosphat	te, Filtered as P	<0.010	)0 mg/l			0.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	<0.030	)0 mg/l			0.03	UKAS	SX	25
Nitrite as N		<0.004	l00 mg/l			0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	7.18	mg/l			0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	<0.010	)0 mg/l			0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0263	8 mg/l			0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	8.95	mg/l			3	UKAS	SX	869
Zinc		<5	ug/l			5	UKAS	SX	34
Iron		<30	ug/l			30	UKAS	SX	38
Magnesium		1.94	mg/l			0.3	UKAS	SX	38
Potassium		0.868	mg/l			0.1	UKAS	SX	38

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## **Analytical Report**

Final Report

Report ID - 20076935 - 1

Batch description: Aqueous samples for analysis



Reported on: 13-Apr-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Pro Freshwater anal	ject: vsis	Freshwate	er analys	sis		
Folder No: Comments:	002907759 Wannford in	·	Sampleo	-	26-Mar-18	5 @ 08:3	0		
Quote No:	7163		Ma	atrix:	Freshwate	er			
Analyte		<u>Result</u>	<u>Units</u>	<u>I</u>	<u>-lag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID_Tes</u>	<u>stcode</u>
Nitrate as N		<7.27	mg/l				None	NLS	864
Orthophosphat	e, Filtered as P	0.0160	) mg/l			0.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	<0.030	)0 mg/l			0.03	UKAS	SX	25
Nitrite as N		<0.004	l00 mg/l			0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	7.27	mg/l			0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	0.0140	) mg/l			0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	0 mg/l			0.02	UKAS	SX	235
Solids, Suspen	ded at 105 C	<3	mg/l			3	UKAS	SX	869
Zinc		<5	ug/l			5	UKAS	SX	34
Iron		<30	ug/l			30	UKAS	SX	38
Magnesium		2.14	mg/l			0.3	UKAS	SX	38
Potassium		0.791	mg/l			0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



## **Analytical Report**

Final Report

Report ID - 20076935 - 1

Batch description: Aqueous samples for analysis



Reported on: 13-Apr-2015

Client: V	/itacress Salads Ltd.	Quote Description:	F Freshwater ar	Project: nalvsis	Freshwate	r analys	is		
	02907760 Vannford out			led on:	26-Mar-15	@ 08:3	5		
Quote No:	7163			Matrix:	Freshwate	r			
Analyte		<u>Result</u>	Units	<u> </u>	-lag	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		7.38	mg/l				None	NLS	864
Orthophosphate,	Filtered as P	<0.010	00 mg/l			0.01	UKAS	SX	237
Ammoniacal Nitro	igen as N	<0.030	00 mg/l			0.03	UKAS	SX	25
Nitrite as N		0.0045	50 mg/l			0.004	UKAS	SX	25
Nitrogen : Total O	xidised as N	7.38	mg/l			0.2	UKAS	SX	25
Orthophosphate,	reactive as P	<0.010	00 mg/l			0.01	UKAS	SX	25
Phosphate : Total	as P	<0.020	00 mg/l			0.02	UKAS	SX	235
Solids, Suspende	d at 105 C	<3	mg/l			3	UKAS	SX	869
Zinc		<5	ug/l			5	UKAS	SX	34
Iron		<30	ug/l			30	UKAS	SX	38
Magnesium		2.15	mg/l			0.3	UKAS	SX	38
Potassium		1.16	mg/l			0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20076935 - 1

Batch description: Aqueous samples for analysis



Reported on: 13-Apr-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Projec Freshwater analysi		Freshwater	analys	is		
Folder No: Comments:	002907761 Abbotts Ann in		Sampled or		26-Mar-15	@ 08:3	0		
Quote No:	7163		Matrix	x:	Freshwater	-			
Analyte		<u>Result</u>	<u>Units</u>	Fl	lag	<u>MRV</u>	<u>Accred</u>	<u>Lab ID_Tes</u>	stcode
Nitrate as N		<9.17	mg/l				None	NLS	864
Orthophosphat	te, Filtered as P	0.0100	) mg/l			0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	<0.030	)0 mg/l			0.03	UKAS	SX	25
Nitrite as N		<0.004	00 mg/l			0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	9.17	mg/l			0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	<0.010	00 mg/l			0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	00 mg/l			0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/l			3	UKAS	SX	869
Zinc		<5	ug/l			5	UKAS	SX	34
Iron		<30	ug/l			30	UKAS	SX	38
Magnesium		1.94	mg/l			0.3	UKAS	SX	38
Potassium		1.01	mg/l			0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20076935 - 1

Batch description: Aqueous samples for analysis



Reported on: 13-Apr-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwate	er analys	sis		
Folder No: Comments:	002907762 Abbotts Ann out		Sampled on:	26-Mar-18	5 @ 08:1	5		
Quote No:	7163		Matrix:	Freshwate	ər			
Analyte		<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		7.78	mg/l			None	NLS	864
Orthophosphat	te, Filtered as P	0.0110	) mg/l		0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	<0.030	)0 mg/l		0.03	UKAS	SX	25
Nitrite as N		0.0073	30 mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	7.79	mg/l		0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0100	) mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0231	mg/l		0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc		<5	ug/l		5	UKAS	SX	34
Iron		<30	ug/l		30	UKAS	SX	38
Magnesium		1.96	mg/l		0.3	UKAS	SX	38
Potassium		0.630	mg/l		0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



#### **Analytical Report**

Final Report

Report ID - 20076935 - 1



Batch description: Aqueous samples for analysis

Reported on: 13-Apr-2015

#### Method Description Summary for all samples in batch Number 20076935

- 25 SX I Nutrients determined colorimetrically by CF autoanalyser
- 34 SX M ICPMS Routine Metals acid digested; determined by ICPMS
- 38 SX M ICPOES Routine Metals acid digested; determined by ICPOES
- SX I Phosphate (total) digested; determined colorimetrically by autoanalyser
  SX I Saline Nutrients determined colorimetrically by discrete analyser
- 864 Parameter by calculation
- 869 SX I Suspended Solids filtered; determined by gravimetry

#### James Trout Laboratory Site Manager

All reporting limits quoted are those achievable for clean samples of the relevant matrix. No allowance is made for instances when dilutions are necessary owing to the nature of the sample or insufficient volume of the sample being available. In these cases higher reporting limits may be quoted and will be above the MRV.

Solid sample results are determined on a "dried" sample fraction except for parameters where the method description identifies that "as received" sample was used.

Key to Results Flags:

DC Analysis started outside of specified holding time. It is possible that the results may be compromised.

D1 Sample was received in a container unsuitable for this test. It is possible results may be compromised

The analysis start date specified is the date of the first test, dates for other analysis are available on request.

Please note all samples will be retained for 10 working days for aqueous samples and 30 working days for solid samples after reporting unless otherwise agreed with Customer Services

Key to Accreditation: UKAS = Methodology accredited to ISO/IEC 17025:2005, MCertS = Methodology accredited to MCertS Performance Standard for testing of soils, none = Methodology not accredited

Key to Lab ID: LE = Leeds, NM = Nottingham, SX = Starcross, SC = Sub-Contracted outside NLS, FI = Field Data - outside NLS, NLS = Calculated Any subsequent version of this report denoted with a higher version number will supersede this and any previous versions

END OF TEST REPORT

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



#### **Analytical Report**

Final Report

Report ID - 20078271 - 1

Batch description: Aqueous samples



Reported on: 18-May-2015

Doreen Hall Vitacress Salads Ltd. Manor Farm Southbrook Bereregis Dorset BH20 7LH

Dear Doreen

Please find attached the results for the batch of 19 samples described below.

Samples Registered on:	01-May-2015
Analysis Started on:	01-May-2015
Analysis Completed on:	16-May-2015
Results for Batch Number	20078271
Your Purchase Order Number:	B10018701
You will be invoiced shortly by our accounts department.	

If we can be of further assistance then please do not hesitate to contact us.

Yours sincerely

Vici Morgan Customer Services Team Leader Tel: (0113) 231 2178 nls@environment-agency.gov.uk

Opinions and interpretations expressed herein are outside the scope of UKAS Accreditation. Details of analytical procedures and performance data are available on request. The date of sample analysis is available on request.

The Environment Agency carries out analytical work to high standards and within the scope of its UKAS accreditation, but has no knowledge of whether the circumstances or the validity of the procedures used to obtain the samples provided to the laboratory were representative of the need for which the information was required.

The Environment Agency and/or its staff does not therefore accept any liability for the consequences of any acts or omissions made on the basis of the analysis or advice or interpretation provided.

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20078271 - 1

Batch description: Aqueous samples



Reported on: 18-May-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Fresh	water analys	is		
Folder No: Comments:	003240580 SP in	·	Sampled on:	30-Ap	or-15 @ 07:1	0		
Quote No:	7163		Matrix:	Fresh	water			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID_Tes</u>	stcode
Nitrate as N		<10.3	mg/l			None	NLS	864
Orthophosphat	te, Filtered as P	0.0150	) mg/l		0.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	0.0300	) mg/l		0.03	UKAS	SX	25
Nitrite as N		<0.004	00 mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	10.3	mg/l		0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0140	) mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	00 mg/l		0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc		<5	ug/l		5	UKAS	SX	34
Iron		<30	ug/l		30	UKAS	SX	38
Magnesium		2.18	mg/l		0.3	UKAS	SX	38
Potassium		1.65	mg/l		0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20078271 - 1

Batch description: Aqueous samples



Reported on: 18-May-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwat	er analys	sis		
Folder No: Comments:	003240583 SP out		Sampled on:	30-Apr-15	5 @ 07:1	5		
Quote No:	7163		Matrix:	Freshwat	er			
Analyte		<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID_Tes</u>	stcode
Nitrate as N		8.39	mg/l			None	NLS	864
Orthophosphat	te, Filtered as P	<0.010	)0 mg/l		0.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	0.0300	) mg/l		0.03	UKAS	SX	25
Nitrite as N		0.0409	) mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	8.43	mg/l		0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	<0.010	)0 mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	)0 mg/l		0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc		<5	ug/l		5	UKAS	SX	34
Iron		<30	ug/l		30	UKAS	SX	38
Magnesium		2.33	mg/l		0.3	UKAS	SX	38
Potassium		1.17	mg/l		0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20078271 - 1

Batch description: Aqueous samples



Reported on: 18-May-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Proje Freshwater analys		Freshwate	er analys	sis		
Folder No: Comments:	003240584 HB in		Sampled of	on:	30-Apr-15	i @ 07:3	5		
Quote No:	7163		Mati	rix:	Freshwate	ər			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u></u>	lag	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<9.33	mg/l				None	NLS	864
Orthophosphat	te, Filtered as P	<0.010	00 mg/l			0.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	0.0300	) mg/l			0.03	UKAS	SX	25
Nitrite as N		< 0.004	l00 mg/l			0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	9.33	mg/l			0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	<0.010	00 mg/l			0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	00 mg/l			0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/l			3	UKAS	SX	869
Zinc		<5	ug/l			5	UKAS	SX	34
Iron		<30	ug/l			30	UKAS	SX	38
Magnesium		2.57	mg/l			0.3	UKAS	SX	38
Potassium		1.22	mg/l			0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20078271 - 1

Batch description: Aqueous samples



Reported on: 18-May-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater an	alysis		
Folder No: Comments:	003240585 HB out		Sampled on:	30-Apr-15 @ 0	7:45		
Quote No:	7163		Matrix:	Freshwater			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	Flag <u>M</u> F	<u>RV</u> <u>Accred</u>	Lab ID_Te	<u>stcode</u>
Nitrate as N		<8.25	mg/l		None	NLS	864
Orthophosphat	te, Filtered as P	0.0140	) mg/l	0.0	1 UKAS	SX	237
Ammoniacal N	itrogen as N	0.0300	) mg/l	0.0	3 UKAS	SX	25
Nitrite as N		< 0.004	00 mg/l	0.0	04 UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	8.25	mg/l	0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0150	) mg/l	0.0	1 UKAS	SX	25
Phosphate : To	otal as P	0.0263	s mg/l	0.0	2 UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		2.52	mg/l	0.3	UKAS	SX	38
Potassium		1.45	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20078271 - 1

Batch description: Aqueous samples



Reported on: 18-May-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Pro Freshwater ana	oject: Ivsis	Freshwat	er analys	sis		
Folder No: Comments:	003240586 DD in		Sample	-	30-Apr-18	5 @ 08:0	5		
Quote No:	7163		М	atrix:	Freshwat	er			
Analyte		<u>Result</u>	<u>Units</u>	<u>I</u>	-lag	<u>MRV</u>	<u>Accred</u>	<u>Lab ID_Tes</u>	<u>stcode</u>
Nitrate as N		<9.22	mg/l				None	NLS	864
Orthophosphat	te, Filtered as P	<0.010	00 mg/l			0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	0.0300	) mg/l			0.03	UKAS	SX	25
Nitrite as N		< 0.004	l00 mg/l			0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	9.22	mg/l			0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	<0.010	00 mg/l			0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	)0 mg/l			0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/l			3	UKAS	SX	869
Zinc		<5	ug/l			5	UKAS	SX	34
Iron		<30	ug/l			30	UKAS	SX	38
Magnesium		2.54	mg/l			0.3	UKAS	SX	38
Potassium		1.20	mg/l			0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20078271 - 1

Batch description: Aqueous samples



Reported on: 18-May-2015

Client:	Vitacress Salads Ltd.	Quete Description	Project:	Freshwate	er analys	sis		
Folder No: Comments:	003240587 DD out	Quote Description:	Freshwater analysis Sampled on:	30-Apr-15	@ 08:1	0		
Quote No:	7163		Matrix:	Freshwate	er			
Analyte		<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID_Tes</u>	<u>stcode</u>
Nitrate as N		<8.18	mg/l			None	NLS	864
Orthophosphat	te, Filtered as P	0.0130	) mg/l		0.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	0.0300	) mg/l		0.03	UKAS	SX	25
Nitrite as N		<0.004	00 mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	8.18	mg/l		0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0230	) mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0508	s mg/l		0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	4.48	mg/l		3	UKAS	SX	869
Zinc		<5	ug/l		5	UKAS	SX	34
Iron		<30	ug/l		30	UKAS	SX	38
Magnesium		2.51	mg/l		0.3	UKAS	SX	38
Potassium		1.46	mg/l		0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20078271 - 1

Batch description: Aqueous samples



Reported on: 18-May-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwat	er analys	sis		
Folder No: Comments:	003240588 Islington pump		Sampled on:	30-Apr-1	5 @ 08:3	0		
Quote No:	7163		Matrix:	Freshwat	er			
Analyte		<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID_Tes</u>	tcode
Nitrate as N		<10.0	mg/l			None	NLS	864
Orthophosphat	te, Filtered as P	0.0170	) mg/l		0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	0.0300	) mg/l		0.03	UKAS	SX	25
Nitrite as N		<0.004	100 mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	10.0	mg/l		0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0140	) mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	)0 mg/l		0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc		<5	ug/l		5	UKAS	SX	34
Iron		<30	ug/l		30	UKAS	SX	38
Magnesium		2.23	mg/l		0.3	UKAS	SX	38
Potassium		1.62	mg/l		0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20078271 - 1

Batch description: Aqueous samples



Reported on: 18-May-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project Freshwater analysis	-	water analys	is		
Folder No: Comments:	003240589 Islington out		Sampled on		or-15 @ 08:4	D		
Quote No:	7163		Matrix	: Fresh	water			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		8.25	mg/l			None	NLS	864
Orthophosphate	e, Filtered as P	<0.010	)0 mg/l		0.01	UKAS	SX	237
Ammoniacal Ni	trogen as N	0.0300	) mg/l		0.03	UKAS	SX	25
Nitrite as N		0.0389	) mg/l		0.004	UKAS	SX	25
Nitrogen : Total	I Oxidised as N	8.29	mg/l		0.2	UKAS	SX	25
Orthophosphate	e, reactive as P	<0.010	)0 mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	0.169	mg/l		0.02	UKAS	SX	235
Solids, Suspen	ded at 105 C	24.5	mg/l		3	UKAS	SX	869
Zinc		<5	ug/l		5	UKAS	SX	34
Iron		<30	ug/l		30	UKAS	SX	38
Magnesium		2.27	mg/l		0.3	UKAS	SX	38
Potassium		1.16	mg/l		0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20078271 - 1

Batch description: Aqueous samples



Reported on: 18-May-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater a	analys	is		
Folder No: Comments:	003240590 Manor in		Sampled on:	30-Apr-15 @	09:00	D		
Quote No:	7163		Matrix:	Freshwater				
Analyte		<u>Result</u>	<u>Units</u>	<u>Flag</u> <u>N</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID_Tes</u>	stcode
Nitrate as N		<12.0	mg/l			None	NLS	864
Orthophosphat	te, Filtered as P	0.0210	) mg/l	0	0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	0.0300	) mg/l	C	0.03	UKAS	SX	25
Nitrite as N		< 0.004	00 mg/l	C	0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	12.0	mg/l	C	0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0160	) mg/l	C	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0246	6 mg/l	0	0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	3.43	mg/l	3	3	UKAS	SX	869
Zinc		<5	ug/l	5	5	UKAS	SX	34
Iron		<30	ug/l	3	30	UKAS	SX	38
Magnesium		2.54	mg/l	0	0.3	UKAS	SX	38
Potassium		2.24	mg/l	C	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20078271 - 1

Batch description: Aqueous samples



Reported on: 18-May-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater ana	lysis		
Folder No: Comments:	003240591 Manor out		Sampled on:	30-Apr-15 @ 09	):20		
Quote No:	7163		Matrix:	Freshwater			
Analyte		<u>Result</u>	<u>Units</u>	Flag <u>MR</u>	<u>/ Accred</u>	Lab ID_Te:	stcode
Nitrate as N		<8.17	mg/l		None	NLS	864
Orthophosphat	te, Filtered as P	0.0130	) mg/l	0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	0.0300	) mg/l	0.03	UKAS	SX	25
Nitrite as N		<0.004	l00 mg/l	0.00	4 UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	8.17	mg/l	0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0210	) mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0386	6 mg/l	0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	3.23	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		2.53	mg/l	0.3	UKAS	SX	38
Potassium		1.38	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20078271 - 1

Batch description: Aqueous samples



Reported on: 18-May-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project Freshwater analysis		eshwater analys	is		
	003240592 Abbotts Ann in		Sampled on		-Apr-15 @ 06:00	0		
Quote No:	7163		Matrix	: Fro	eshwater			
Analyte		<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Te:	stcode
Nitrate as N		<10.0	mg/l			None	NLS	864
Orthophosphate,	, Filtered as P	0.0110	) mg/l		0.01	UKAS	SX	237
Ammoniacal Nitro	ogen as N	0.0300	) mg/l		0.03	UKAS	SX	25
Nitrite as N		<0.004	l00 mg/l		0.004	UKAS	SX	25
Nitrogen : Total (	Oxidised as N	10.0	mg/l		0.2	UKAS	SX	25
Orthophosphate,	, reactive as P	<0.010	0 mg/l		0.01	UKAS	SX	25
Phosphate : Tota	al as P	0.0797	′ mg/l		0.02	UKAS	SX	235
Solids, Suspende	ed at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc		<5	ug/l		5	UKAS	SX	34
Iron		<30	ug/l		30	UKAS	SX	38
Magnesium		1.85	mg/l		0.3	UKAS	SX	38
Potassium		1.11	mg/l		0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20078271 - 1

Batch description: Aqueous samples



Reported on: 18-May-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis		ter analys	is		
Folder No: Comments:	003240593 Abbotts Ann out	F	Sampled on:		5 @ 06:1	0		
Quote No:	7163		Matrix	Freshwa	ter			
Analyte		<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID_Tes</u>	stcode
Nitrate as N		8.54	mg/l			None	NLS	864
Orthophosphat	te, Filtered as P	<0.010	)0 mg/l		0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	0.0300	) mg/l		0.03	UKAS	SX	25
Nitrite as N		0.0159	) mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	8.56	mg/l		0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	<0.010	)0 mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	)0 mg/l		0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	3.63	mg/l		3	UKAS	SX	869
Zinc		<5	ug/l		5	UKAS	SX	34
Iron		<30	ug/l		30	UKAS	SX	38
Magnesium		1.83	mg/l		0.3	UKAS	SX	38
Potassium		0.527	mg/l		0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20078271 - 1

Batch description: Aqueous samples



Reported on: 18-May-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater and	lysis		
Folder No: Comments:	003240594 St Marybourne in	2000 - 000 pilo	Sampled on:	30-Apr-15 @ 00	6:30		
Quote No:	7163		Matrix:	Freshwater			
Analyte		<u>Result</u>	<u>Units</u>	Flag <u>MR</u>	V <u>Accred</u>	Lab ID_Te:	stcode
Nitrate as N		<7.59	mg/l		None	NLS	864
Orthophosphat	te, Filtered as P	0.0240	) mg/l	0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	0.0300	) mg/l	0.03	UKAS	SX	25
Nitrite as N		<0.004	00 mg/l	0.00	4 UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	7.59	mg/l	0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0170	) mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0201	mg/l	0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		1.58	mg/l	0.3	UKAS	SX	38
Potassium		0.772	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20078271 - 1

Batch description: Aqueous samples



Reported on: 18-May-2015

Client:	Vitacress Salads Ltd.		Project:	Freshwater analys	sis		
Estday Na.	000040505	Quote Description:	Freshwater analysis	00 Am 45 @ 00:4	•		
Folder No:	003240595		Sampled on:	30-Apr-15 @ 06:4	0		
Comments:	St Marybourne out B bl	ock					
Quote No:	7163		Matrix:	Freshwater			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	Flag <u>MRV</u>	<u>Accred</u>	<u>Lab ID_Tes</u>	<u>stcode</u>
Nitrate as N		5.97	mg/l		None	NLS	864
Orthophosphat	e, Filtered as P	0.0220	mg/l	0.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	0.0300	mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0078	0 mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	5.98	mg/l	0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	0.0160	mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0248	mg/l	0.02	UKAS	SX	235
Solids, Suspen	ded at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		1.59	mg/l	0.3	UKAS	SX	38
Potassium		0.662	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20078271 - 1

Batch description: Aqueous samples



Reported on: 18-May-2015

Client:	Vitacress Salads Ltd.		Project:	Freshwa	ter analys	is		
Folder No: Comments:	003240596 St Marybourne in D blo	Quote Description:	Freshwater analysis Sampled on:	30-Apr-1	5 @ 06:4	5		
Quote No:	7163		Matrix:	Freshwa	ter			
Analyte		<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID_Tes</u>	<u>stcode</u>
Nitrate as N		<6.88	mg/l			None	NLS	864
Orthophosphat	e, Filtered as P	0.0280	) mg/l		0.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	0.0300	) mg/l		0.03	UKAS	SX	25
Nitrite as N		<0.004	00 mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	l Oxidised as N	6.88	mg/l		0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	0.0240	) mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0282	2 mg/l		0.02	UKAS	SX	235
Solids, Suspen	ided at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc		<5	ug/l		5	UKAS	SX	34
Iron		<30	ug/l		30	UKAS	SX	38
Magnesium		1.55	mg/l		0.3	UKAS	SX	38
Potassium		0.892	mg/l		0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20078271 - 1

Batch description: Aqueous samples



Reported on: 18-May-2015

Client:	Vitacress Salads Ltd.		Project:	Freshwater analy	sis		
		Quote Description:	Freshwater analysis				
Folder No:	003240597		Sampled on:	30-Apr-15 @ 06:	55		
Comments:	St Marybourne out D bl	ock					
Quote No:	7163		Matrix:	Freshwater			
Analyte		<u>Result</u>	<u>Units</u>	Flag <u>MRV</u>	Accred	Lab ID_Tes	stcode
Nitrate as N		5.53	mg/l		None	NLS	864
Orthophosphat	e, Filtered as P	0.0130	) mg/l	0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	0.0300	) mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0204	mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	l Oxidised as N	5.55	mg/l	0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	<0.010	00 mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.203	mg/l	0.02	UKAS	SX	235
Solids, Suspen	ided at 105 C	26.4	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		100	ug/l	30	UKAS	SX	38
Magnesium		1.60	mg/l	0.3	UKAS	SX	38
Potassium		0.460	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20078271 - 1

Batch description: Aqueous samples



Reported on: 18-May-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater ar	nalysis		
Folder No: Comments:	003240600 St Marybourne river	2000 - 000 pilo	Sampled on:	30-Apr-15 @	07:00		
Quote No:	7163		Matrix:	Freshwater			
Analyte		<u>Result</u>	<u>Units</u>	<u>Flag M</u>	RV <u>Accred</u>	<u>Lab ID_Te</u>	<u>stcode</u>
Nitrate as N		6.99	mg/l		None	NLS	864
Orthophosphat	e, Filtered as P	0.0250	) mg/l	0.	01 UKAS	SX	237
Ammoniacal N	itrogen as N	0.0300	) mg/l	0.	03 UKAS	SX	25
Nitrite as N		0.0051	l0 mg/l	0.	004 UKAS	SX	25
Nitrogen : Tota	l Oxidised as N	7.00	mg/l	0	2 UKAS	SX	25
Orthophosphat	e, reactive as P	0.0210	) mg/l	0.	01 UKAS	SX	25
Phosphate : To	otal as P	0.0295	5 mg/l	0.	02 UKAS	SX	235
Solids, Suspen	ided at 105 C	3.58	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		1.60	mg/l	0.	3 UKAS	SX	38
Potassium		0.852	mg/l	0.	1 UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20078271 - 1

Batch description: Aqueous samples



Reported on: 18-May-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwa	ter analys	sis		
Folder No: Comments:	003240601 Pinlestone in		Sampled on:	30-Apr-1	5 @ 07:4	0		
Quote No:	7163		Matrix:	Freshwa	ter			
Analyte		<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID_Tes</u>	<u>stcode</u>
Nitrate as N		<7.50	mg/l			None	NLS	864
Orthophosphat	e, Filtered as P	0.0250	) mg/l		0.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	0.0300	) mg/l		0.03	UKAS	SX	25
Nitrite as N		<0.004	100 mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	l Oxidised as N	7.50	mg/l		0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	0.0210	) mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0247	′ mg/l		0.02	UKAS	SX	235
Solids, Suspen	ided at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc		<5	ug/l		5	UKAS	SX	34
Iron		<30	ug/l		30	UKAS	SX	38
Magnesium		1.88	mg/l		0.3	UKAS	SX	38
Potassium		0.909	mg/l		0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20078271 - 1

Batch description: Aqueous samples



Reported on: 18-May-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater analy	vsis		
Folder No: Comments:	003240602 Pinlestone out		Sampled on:	30-Apr-15 @ 07:	50		
Quote No:	7163		Matrix:	Freshwater			
Analyte		<u>Result</u>	<u>Units</u>	Flag <u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		7.07	mg/l		None	NLS	864
Orthophosphat	te, Filtered as P	0.0170	) mg/l	0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	0.0300	) mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0076	60 mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	7.08	mg/l	0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0280	) mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.125	mg/l	0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	15.5	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		94.2	ug/l	30	UKAS	SX	38
Magnesium		1.90	mg/l	0.3	UKAS	SX	38
Potassium		0.935	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



**Analytical Report** 

Final Report

Report ID - 20078271 - 1



Batch description: Aqueous samples

Reported on: 18-May-2015

#### Method Description Summary for all samples in batch Number 20078271

- 25 SX I Nutrients determined colorimetrically by CF autoanalyser
- 34 SX M ICPMS Routine Metals acid digested; determined by ICPMS
- 38 SX M ICPOES Routine Metals acid digested; determined by ICPOES
- 235 SX I Phosphate (total) digested; determined colorimetrically by autoanalyser
- 237 SX I Saline Nutrients determined colorimetrically by discrete analyser
- 864 Parameter by calculation
- 869 SX I Suspended Solids filtered; determined by gravimetry

#### James Trout Laboratory Site Manager

All reporting limits quoted are those achievable for clean samples of the relevant matrix. No allowance is made for instances when dilutions are necessary owing to the nature of the sample or insufficient volume of the sample being available. In these cases higher reporting limits may be quoted and will be above the MRV.

Solid sample results are determined on a "dried" sample fraction except for parameters where the method description identifies that "as received" sample was used.

Key to Results Flags:

D1 Sample was received in a container unsuitable for this test. It is possible results may be compromised

The analysis start date specified is the date of the first test, dates for other analysis are available on request.

Please note all samples will be retained for 10 working days for aqueous samples and 30 working days for solid samples after reporting unless otherwise agreed with Customer Services

Key to Accreditation: UKAS = Methodology accredited to ISO/IEC 17025:2005, MCertS = Methodology accredited to MCertS Performance Standard for testing of soils, none = Methodology not accredited

Key to Lab ID: LE = Leeds, NM = Nottingham, SX = Starcross, SC = Sub-Contracted outside NLS, FI = Field Data - outside NLS, NLS = Calculated Any subsequent version of this report denoted with a higher version number will supersede this and any previous versions

#### END OF TEST REPORT

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



#### **Analytical Report**

Final Report

Report ID - 20079020 - 1

Batch description: Aqueous samples for analysis



Reported on: 04-Jun-2015

Doreen Hall Vitacress Salads Ltd. Manor Farm Southbrook Bereregis Dorset BH20 7LH

Dear Doreen

Please find attached the results for the batch of 17 samples described below.

Samples Registered on:	21-May-2015
Analysis Started on:	21-May-2015
Analysis Completed on:	04-Jun-2015
Results for Batch Number	20079020
Your Purchase Order Number:	B10019776
You will be invoiced shortly by our accounts department.	

If we can be of further assistance then please do not hesitate to contact us.

Yours sincerely

Vici Morgan Customer Services Team Leader Tel: (0113) 231 2178 nls@environment-agency.gov.uk

Opinions and interpretations expressed herein are outside the scope of UKAS Accreditation. Details of analytical procedures and performance data are available on request. The date of sample analysis is available on request.

The Environment Agency carries out analytical work to high standards and within the scope of its UKAS accreditation, but has no knowledge of whether the circumstances or the validity of the procedures used to obtain the samples provided to the laboratory were representative of the need for which the information was required.

The Environment Agency and/or its staff does not therefore accept any liability for the consequences of any acts or omissions made on the basis of the analysis or advice or interpretation provided.

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20079020 - 1

Batch description: Aqueous samples for analysis



Reported on: 04-Jun-2015

Client:	Vitacress Salads Ltd.	Quete Description:	Freebuct	Project:	Freshwate	r analys	is		
	003259329 Abbotts Ann In	Quote Description:		er analysis ampled on:	20-May-15	6 @ 06:0	00		
Quote No:	7163			Matrix:	Freshwate	r			
Analyte		<u>Result</u>		<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<7.68	m	g/l			None	NLS	864
Orthophosphate,	, Filtered as P	<0.010	)0 m	g/l		0.01	UKAS	SX	237
Ammoniacal Nitr	ogen as N	<0.030	)0 m	g/l		0.03	UKAS	SX	25
Nitrite as N		< 0.004	100 m	g/l		0.004	UKAS	SX	25
Nitrogen : Total (	Oxidised as N	7.68	m	g/l		0.2	UKAS	SX	25
Orthophosphate,	, reactive as P	<0.010	00 m	g/l		0.01	UKAS	SX	25
Phosphate : Tota	al as P	<0.020	00 m	g/l		0.02	UKAS	SX	235
Solids, Suspende	ed at 105 C	<3	m	g/l		3	UKAS	SX	869
Zinc		<5	uç	//		5	UKAS	SX	34
Iron		<30	uç	/I		30	UKAS	SX	38
Magnesium		1.70	m	g/l		0.3	UKAS	SX	38
Potassium		0.857	m	- 		0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20079020 - 1

Batch description: Aqueous samples for analysis



Reported on: 04-Jun-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater ar	alysis		
Folder No: Comments:	003259334 Abbotts Ann Out		Sampled on:	20-May-15 @	06:10		
Quote No:	7163		Matrix:	Freshwater			
Analyte		<u>Result</u>	<u>Units</u>	-lag <u>Mi</u>	RV <u>Accred</u>	<u>Lab ID_Te</u>	<u>stcode</u>
Nitrate as N		7.78	mg/l		None	NLS	864
Orthophosphat	te, Filtered as P	0.133	mg/l	0.0	01 UKAS	SX	237
Ammoniacal N	itrogen as N	0.156	mg/l	0.0	03 UKAS	SX	25
Nitrite as N		0.125	mg/l	0.0	004 UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	7.90	mg/l	0.2	2 UKAS	SX	25
Orthophosphat	te, reactive as P	0.138	mg/l	0.0	01 UKAS	SX	25
Phosphate : To	otal as P	0.215	mg/l	0.0	02 UKAS	SX	235
Solids, Suspen	nded at 105 C	8.03	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		66.7	ug/l	30	UKAS	SX	38
Magnesium		1.89	mg/l	0.3	3 UKAS	SX	38
Potassium		2.22	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20079020 - 1

Batch description: Aqueous samples for analysis



Reported on: 04-Jun-2015

Client:	Vitacress Salads Ltd.		Project		ater analys	is		
		Quote Description:	Freshwater analysis					
Folder No:	003259335		Sampled on:	20-May	-15 @ 06:3	30		
Comments:	St Marybourne In. B Blo	ock						
Quote No:	7163		Matrix	Freshw	ater			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID_Tes</u>	<u>stcode</u>
Nitrate as N		<7.73	mg/l			None	NLS	864
Orthophosphat	e, Filtered as P	0.0150	) mg/l		0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	<0.030	0 mg/l		0.03	UKAS	SX	25
Nitrite as N		<0.004	00 mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	l Oxidised as N	7.73	mg/l		0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	0.0140	) mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0504	mg/l		0.02	UKAS	SX	235
Solids, Suspen	ided at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc		<5	ug/l		5	UKAS	SX	34
Iron		<30	ug/l		30	UKAS	SX	38
Magnesium		1.61	mg/l		0.3	UKAS	SX	38
Potassium		0.864	mg/l		0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20079020 - 1

Batch description: Aqueous samples for analysis



Reported on: 04-Jun-2015

Client:	Vitacress Salads Ltd.		Project:	Freshwater analy	vsis		
		Quote Description:	Freshwater analysis				
Folder No:	003259337		Sampled on:	20-May-15 @ 06	:40		
Comments:	St Marybourne Out. B E	Block		, -			
Quote No:	7163		Matrix:	Freshwater			
Analyte		<u>Result</u>	<u>Units</u>	<u>Flag</u> <u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		6.58	mg/l		None	NLS	864
Orthophosphat	e, Filtered as P	0.0510	mg/l	0.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	<0.030	0 mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0127	mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	6.59	mg/l	0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	0.0490	mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0632	mg/l	0.02	UKAS	SX	235
Solids, Suspen	ded at 105 C	3.63	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		1.65	mg/l	0.3	UKAS	SX	38
Potassium		1.19	mg/l	0.1	UKAS	SX	38

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### **Analytical Report**

Final Report

Report ID - 20079020 - 1

Batch description: Aqueous samples for analysis



Reported on: 04-Jun-2015

Client:	Vitacress Salads Ltd.		Project	: Fresh	water analys	is		
		Quote Description:	Freshwater analysis	;				
Folder No:	003259338		Sampled on	: 20-Ma	ay-15 @ 06:4	15		
Comments:	St Marybourne In. D Blo	ock						
Quote No:	7163		Matrix	: Fresh	water			
Analyte		<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	Accred	<u>Lab ID_Tes</u>	stcode
Nitrate as N		<6.87	mg/l			None	NLS	864
Orthophosphat	e, Filtered as P	0.0240	mg/l		0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	<0.030	0 mg/l		0.03	UKAS	SX	25
Nitrite as N		<0.004	.00 mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	l Oxidised as N	6.87	mg/l		0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	0.0240	mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0281	mg/l		0.02	UKAS	SX	235
Solids, Suspen	ided at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc		<5	ug/l		5	UKAS	SX	34
Iron		<30	ug/l		30	UKAS	SX	38
Magnesium		1.56	mg/l		0.3	UKAS	SX	38
Potassium		0.959	mg/l		0.1	UKAS	SX	38

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### **Analytical Report**

Final Report

Report ID - 20079020 - 1

Batch description: Aqueous samples for analysis



Reported on: 04-Jun-2015

Client:	Vitacress Salads Ltd.		Project:	Freshwater and	alysis		
		Quote Description:	Freshwater analysis				
Folder No:	003259340		Sampled on:	20-May-15 @ (	06:55		
Comments:	St Marybourne Out. D E	Block					
Quote No:	7163		Matrix:	Freshwater			
Analyte		<u>Result</u>	<u>Units</u>	<u>Flag</u> <u>MR</u>	V <u>Accred</u>	Lab ID_Te	<u>stcode</u>
Nitrate as N		5.45	mg/l		None	NLS	864
Orthophosphat	e, Filtered as P	0.0110	) mg/l	0.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	<0.030	00 mg/l	0.03	3 UKAS	SX	25
Nitrite as N		0.0126	6 mg/l	0.00	04 UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	5.46	mg/l	0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	<0.010	00 mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0401	mg/l	0.02	2 UKAS	SX	235
Solids, Suspen	ded at 105 C	6.63	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		1.48	mg/l	0.3	UKAS	SX	38
Potassium		0.601	mg/l	0.1	UKAS	SX	38

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### **Analytical Report**

Final Report

Report ID - 20079020 - 1

Batch description: Aqueous samples for analysis



Reported on: 04-Jun-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater a	nalysis			
Folder No: Comments:	003259341 St Marybourne River		Sampled on:	20-May-15 @	07:00			
Quote No:	7163		Matrix:	Freshwater				
Analyte		<u>Result</u>	<u>Units</u>	<u>Flag M</u>	IRV /	Accred	Lab ID_Tes	stcode
Nitrate as N		7.21	mg/l		I	None	NLS	864
Orthophosphat	te, Filtered as P	0.0280	) mg/l	0.	.01 (	JKAS	SX	237
Ammoniacal N	itrogen as N	<0.030	)0 mg/l	0.	.03 (	JKAS	SX	25
Nitrite as N		0.0053	30 mg/l	0.	.004 (	JKAS	SX	25
Nitrogen : Tota	I Oxidised as N	7.22	mg/l	0.	.2 (	JKAS	SX	25
Orthophosphat	te, reactive as P	0.0370	) mg/l	0.	.01 (	JKAS	SX	25
Phosphate : To	otal as P	0.0345	5 mg/l	0.	.02 (	JKAS	SX	235
Solids, Susper	nded at 105 C	<3	mg/l	3	I	JKAS	SX	869
Zinc		<5	ug/l	5	I	JKAS	SX	34
Iron		<30	ug/l	30	ο ι	JKAS	SX	38
Magnesium		1.59	mg/l	0.	.3 (	JKAS	SX	38
Potassium		0.890	mg/l	0.	.1 (	JKAS	SX	38

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### **Analytical Report**

Final Report

Report ID - 20079020 - 1

Batch description: Aqueous samples for analysis



Reported on: 04-Jun-2015

Client: Vitacress Salads Ltd.	Quete Description	Project:		ter analys	sis		
Folder No: 003259342 Comments: Pinglestone In	Quote Description:	Freshwater analysis Sampled on:		15 @ 07:3	30		
Quote No: 7163		Matrix	Freshwa	ter			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	tcode
Nitrate as N	<7.37	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0220	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	0 mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.004	.00 mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	7.37	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0220	mg/l	DC	0.01	UKAS	SX	25
Phosphate : Total as P	0.0261	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.94	mg/l		0.3	UKAS	SX	38
Potassium	1.00	mg/l		0.1	UKAS	SX	38

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### **Analytical Report**

Final Report

Report ID - 20079020 - 1

Batch description: Aqueous samples for analysis



Reported on: 04-Jun-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater analy	vsis		
Folder No: Comments:	003259343 Pinglestone Out	Quote Description.	Sampled on:	20-May-15 @ 07	:40		
Quote No:	7163		Matrix:	Freshwater			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	Flag <u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		6.91	mg/l		None	NLS	864
Orthophosphat	te, Filtered as P	0.0230	mg/l	0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	0.0380	mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0152	mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	6.93	mg/l	0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0220	mg/l	DC 0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0371	mg/l	0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		1.88	mg/l	0.3	UKAS	SX	38
Potassium		0.945	mg/l	0.1	UKAS	SX	38

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### **Analytical Report**

Final Report

Report ID - 20079020 - 1

Batch description: Aqueous samples for analysis



Reported on: 04-Jun-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Freshwater	Project: analysis	Freshwate	r analys	is		
Folder No: Comments:	003259345 Doddings Out			npled on:	20-May-15	@ 08:0	)5		
Quote No:	7163			Matrix:	Freshwate	r			
Analyte		<u>Result</u>	<u>U</u>	nits	Flag	<u>MRV</u>	<u>Accred</u>	<u>Lab ID_Tes</u>	<u>stcode</u>
Nitrate as N		<8.08	mg/	l			None	NLS	864
Orthophosphat	e, Filtered as P	<0.010	)0 mg/	l		0.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	<0.030	)0 mg/	l		0.03	UKAS	SX	25
Nitrite as N		<0.004	100 mg/	l		0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	8.08	mg/	l		0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	<0.010	)0 mg/	l		0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	)0 mg/	l		0.02	UKAS	SX	235
Solids, Suspen	ded at 105 C	<3	mg/	l		3	UKAS	SX	869
Zinc		<5	ug/l			5	UKAS	SX	34
Iron		<30	ug/l			30	UKAS	SX	38
Magnesium		2.51	mg/	l		0.3	UKAS	SX	38
Potassium		1.47	mg/	l		0.1	UKAS	SX	38

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### **Analytical Report**

Final Report

Report ID - 20079020 - 1

Batch description: Aqueous samples for analysis



Reported on: 04-Jun-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Pro Freshwater anal	ject: vsis	Freshwate	r analys	is		
Folder No: Comments:	003259346 Manor In		Sampleo		20-May-15	@ 08:3	30		
Quote No:	7163		Ma	atrix:	Freshwate	r			
Analyte		<u>Result</u>	<u>Units</u>	H	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<10.5	mg/l				None	NLS	864
Orthophosphat	te, Filtered as P	<0.010	0 mg/l			0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	<0.030	0 mg/l			0.03	UKAS	SX	25
Nitrite as N		< 0.004	00 mg/l			0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	10.5	mg/l			0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	<0.010	0 mg/l			0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	0 mg/l			0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/l			3	UKAS	SX	869
Zinc		<5	ug/l			5	UKAS	SX	34
Iron		<30	ug/l			30	UKAS	SX	38
Magnesium		2.72	mg/l			0.3	UKAS	SX	38
Potassium		2.42	mg/l			0.1	UKAS	SX	38

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### **Analytical Report**

Final Report

Report ID - 20079020 - 1

Batch description: Aqueous samples for analysis



Reported on: 04-Jun-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Freshwater a	Project: nalvsis	Freshwate	r analys	is		
Folder No: Comments:	003259347 Manor Out			oled on:	20-May-15	@ 08:4	15		
Quote No:	7163			Matrix:	Freshwate	r			
Analyte		<u>Result</u>	Unit	<u>'s 1</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<12.0	mg/l				None	NLS	864
Orthophosphat	te, Filtered as P	<0.010	)0 mg/l			0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	<0.030	)0 mg/l			0.03	UKAS	SX	25
Nitrite as N		< 0.004	100 mg/l			0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	12.0	mg/l			0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	<0.010	00 mg/l			0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	00 mg/l			0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/l			3	UKAS	SX	869
Zinc		<5	ug/l			5	UKAS	SX	34
Iron		<30	ug/l			30	UKAS	SX	38
Magnesium		2.63	mg/l			0.3	UKAS	SX	38
Potassium		1.85	mg/l			0.1	UKAS	SX	38

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### **Analytical Report**

Final Report

Report ID - 20079020 - 1

Batch description: Aqueous samples for analysis



Reported on: 04-Jun-2015

Client: Vitacress Salads	td. Quote Description:	Project: Freshwater analysis	Freshwater analys	sis		
Folder No: 003259349 Comments: Spetisbury In		Sampled on:	20-May-15 @ 07:	00		
Quote No: 7163		Matrix:	Freshwater			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	Flag <u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N	<10.2	mg/l		None	NLS	864
Orthophosphate, Filtered as P	0.0120	) mg/l	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	00 mg/l	0.03	UKAS	SX	25
Nitrite as N	<0.004	00 mg/l	0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	10.2	mg/l	0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0250	) mg/l	0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	0 mg/l	0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc	<5	ug/l	5	UKAS	SX	34
Iron	<30	ug/l	30	UKAS	SX	38
Magnesium	2.22	mg/l	0.3	UKAS	SX	38
Potassium	1.68	mg/l	0.1	UKAS	SX	38

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### **Analytical Report**

Final Report

Report ID - 20079020 - 1

Batch description: Aqueous samples for analysis



Reported on: 04-Jun-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater analy	/sis		
Folder No: Comments:	003259350 Spetisbury Out		Sampled on:	20-May-15 @ 07	:10		
Quote No:	7163		Matrix:	Freshwater			
Analyte		<u>Result</u>	<u>Units</u>	<u>Flag MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		5.93	mg/l		None	NLS	864
Orthophosphat	te, Filtered as P	0.0220	mg/l	0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	0.0680	mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0478	mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	5.98	mg/l	0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0360	mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0808	mg/l	0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	11.4	mg/l	3	UKAS	SX	869
Zinc		16.8	ug/l	5	UKAS	SX	34
Iron		64.5	ug/l	30	UKAS	SX	38
Magnesium		1.92	mg/l	0.3	UKAS	SX	38
Potassium		1.29	mg/l	0.1	UKAS	SX	38

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### **Analytical Report**

Final Report

Report ID - 20079020 - 1

Batch description: Aqueous samples for analysis



Reported on: 04-Jun-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Pro Freshwater anal	ject: vsis	Freshwate	er analys	sis		
Folder No: Comments:	003259351 Hollybush In		Sampleo	-	20-May-18	5@07:3	30		
Quote No:	7163		Ma	atrix:	Freshwate	er			
Analyte		<u>Result</u>	<u>Units</u>	I	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	tcode
Nitrate as N		<12.4	mg/l				None	NLS	864
Orthophosphat	te, Filtered as P	0.0120	) mg/l			0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	<0.030	)0 mg/l			0.03	UKAS	SX	25
Nitrite as N		<0.004	l00 mg/l			0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	12.4	mg/l			0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0180	) mg/l			0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	)0 mg/l			0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/l			3	UKAS	SX	869
Zinc		<5	ug/l			5	UKAS	SX	34
Iron		<30	ug/l			30	UKAS	SX	38
Magnesium		2.58	mg/l			0.3	UKAS	SX	38
Potassium		0.914	mg/l			0.1	UKAS	SX	38

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### **Analytical Report**

Final Report

Report ID - 20079020 - 1

Batch description: Aqueous samples for analysis



Reported on: 04-Jun-2015

Client: Vitacress Salads L	td. Quote Description:	Project: Freshwater analysis	Freshwater analys	sis		
Folder No: 003259352 Comments: Hollybush Out		Sampled on:	20-May-15 @ 07:	35		
Quote No: 7163		Matrix:	Freshwater			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	Flag <u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N	9.84	mg/l		None	NLS	864
Orthophosphate, Filtered as P	<0.010	00 mg/l	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	00 mg/l	0.03	UKAS	SX	25
Nitrite as N	0.0173	s mg/l	0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	9.86	mg/l	0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.010	00 mg/l	0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	0 mg/l	0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc	<5	ug/l	5	UKAS	SX	34
Iron	<30	ug/l	30	UKAS	SX	38
Magnesium	2.40	mg/l	0.3	UKAS	SX	38
Potassium	1.27	mg/l	0.1	UKAS	SX	38

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### **Analytical Report**

Final Report

Report ID - 20079020 - 1

Batch description: Aqueous samples for analysis



Reported on: 04-Jun-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Freshwate	Project: er analysis	Freshwate	r analys	sis		
Folder No: Comments:	003259354 Doddings In			ampled on:	20-May-15	5 @ 07:8	55		
Quote No:	7163			Matrix:	Freshwate	r			
Analyte		<u>Result</u>		<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<9.18	mg	j/l			None	NLS	864
Orthophosphat	te, Filtered as P	<0.010	)0 mg	j/l		0.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	<0.030	)0 mg	j/l		0.03	UKAS	SX	25
Nitrite as N		< 0.004	400 mg	j/l		0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	9.18	mg	j/l		0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0200	) mg	j/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	)0 mg	j/l		0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg	ı/I		3	UKAS	SX	869
Zinc		<5	ug	/I		5	UKAS	SX	34
Iron		<30	ug	/I		30	UKAS	SX	38
Magnesium		2.56	mg	ı/I		0.3	UKAS	SX	38
Potassium		1.25	mg	J/I		0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



#### **Analytical Report**

Final Report

Report ID - 20079020 - 1



Batch description: Aqueous samples for analysis

Reported on: 04-Jun-2015

#### Method Description Summary for all samples in batch Number 20079020

- 25 SX I Nutrients determined colorimetrically by CF autoanalyser
- 34 SX M ICPMS Routine Metals acid digested; determined by ICPMS
- 38 SX M ICPOES Routine Metals acid digested; determined by ICPOES
- SX I Phosphate (total) digested; determined colorimetrically by autoanalyser
  SX I Saline Nutrients determined colorimetrically by discrete analyser
- 864 Parameter by calculation
- 869 SX I Suspended Solids filtered; determined by gravimetry

#### James Trout Laboratory Site Manager

All reporting limits quoted are those achievable for clean samples of the relevant matrix. No allowance is made for instances when dilutions are necessary owing to the nature of the sample or insufficient volume of the sample being available. In these cases higher reporting limits may be quoted and will be above the MRV.

Solid sample results are determined on a "dried" sample fraction except for parameters where the method description identifies that "as received" sample was used.

Key to Results Flags:

DC Analysis started outside of specified holding time. It is possible that the results may be compromised.

D1 Sample was received in a container unsuitable for this test. It is possible results may be compromised

The analysis start date specified is the date of the first test, dates for other analysis are available on request.

Please note all samples will be retained for 10 working days for aqueous samples and 30 working days for solid samples after reporting unless otherwise agreed with Customer Services

Key to Accreditation: UKAS = Methodology accredited to ISO/IEC 17025:2005, MCertS = Methodology accredited to MCertS Performance Standard for testing of soils, none = Methodology not accredited

Key to Lab ID: LE = Leeds, NM = Nottingham, SX = Starcross, SC = Sub-Contracted outside NLS, FI = Field Data - outside NLS, NLS = Calculated Any subsequent version of this report denoted with a higher version number will supersede this and any previous versions

END OF TEST REPORT

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



#### **Analytical Report**

Final Report

Report ID - 20080235 - 1

Batch description: Aqueous samples for analysis



Reported on: 29-Jun-2015

Doreen Hall Vitacress Salads Ltd. Manor Farm Southbrook Bereregis Dorset BH20 7LH

Dear Doreen

Please find attached the results for the batch of 17 samples described below.

Samples Registered on:	19-Jun-2015
Analysis Started on:	19-Jun-2015
Analysis Completed on:	29-Jun-2015
Results for Batch Number	20080235
Your Purchase Order Number:	B10021329
You will be invoiced shortly by our accounts department.	

If we can be of further assistance then please do not hesitate to contact us.

Yours sincerely

Vici Morgan Customer Services Team Leader Tel: (0113) 231 2178 nls@environment-agency.gov.uk

Opinions and interpretations expressed herein are outside the scope of UKAS Accreditation. Details of analytical procedures and performance data are available on request. The date of sample analysis is available on request.

The Environment Agency carries out analytical work to high standards and within the scope of its UKAS accreditation, but has no knowledge of whether the circumstances or the validity of the procedures used to obtain the samples provided to the laboratory were representative of the need for which the information was required.

The Environment Agency and/or its staff does not therefore accept any liability for the consequences of any acts or omissions made on the basis of the analysis or advice or interpretation provided.

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20080235 - 1

Batch description: Aqueous samples for analysis



Reported on: 29-Jun-2015

Client:	Vitacress Salads Ltd.	Quete Description	Project:	Freshwat	er analys	is		
Folder No: Comments:	003239496 Spetisbury in	Quote Description:	Freshwater analysis Sampled on:	17-Jun-1	5 @ 07:0	0		
Quote No:	7163		Matrix:	Freshwat	er			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<9.76	mg/l			None	NLS	864
Orthophosphat	te, Filtered as P	0.0150	) mg/l		0.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	0.0300	) mg/l		0.03	UKAS	SX	25
Nitrite as N		<0.004	100 mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	9.76	mg/l		0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0110	) mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0240	) mg/l		0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc		5.87	ug/l		5	UKAS	SX	34
Iron		<30	ug/l		30	UKAS	SX	38
Magnesium		2.29	mg/l		0.3	UKAS	SX	38
Potassium		1.66	mg/l		0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20080235 - 1

Batch description: Aqueous samples for analysis



Reported on: 29-Jun-2015

Client:	Vitacress Salads Ltd.	Quete Description	Project:	Freshwate	r analys	sis		
Folder No: Comments:	003239497 Spetisbury Out	Quote Description:	Freshwater analysis Sampled on:	17-Jun-15	@ 07:0	5		
Quote No:	7163		Matrix:	Freshwater	-			
Analyte		<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID_Tes</u>	stcode
Nitrate as N		8.03	mg/l			None	NLS	864
Orthophosphat	te, Filtered as P	<0.010	)0 mg/l		0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	0.0690	) mg/l		0.03	UKAS	SX	25
Nitrite as N		0.0332	2 mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	8.06	mg/l		0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	<0.010	)0 mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0271	l mg/l		0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	9.37	mg/l		3	UKAS	SX	869
Zinc		5.65	ug/l		5	UKAS	SX	34
Iron		65.2	ug/l		30	UKAS	SX	38
Magnesium		2.41	mg/l		0.3	UKAS	SX	38
Potassium		1.08	mg/l		0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20080235 - 1

Batch description: Aqueous samples for analysis



Reported on: 29-Jun-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater a	nalysi	S		
Folder No: Comments:	003239498 Hollybush in		Sampled on:	17-Jun-15 @	07:30	)		
Quote No:	7163		Matrix:	Freshwater				
Analyte		<u>Result</u>	<u>Units</u>	<u>Flag M</u>	<u>IRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		9.97	mg/l			None	NLS	864
Orthophosphat	e, Filtered as P	0.0240	) mg/l	0.	.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	0.0300	) mg/l	0.	.03	UKAS	SX	25
Nitrite as N		0.0074	l0 mg/l	0.	.004	UKAS	SX	25
Nitrogen : Tota	l Oxidised as N	9.98	mg/l	0.	.2	UKAS	SX	25
Orthophosphat	e, reactive as P	<0.010	)0 mg/l	0.	.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	)0 mg/l	0.	.02	UKAS	SX	235
Solids, Suspen	ided at 105 C	<3	mg/l	3		UKAS	SX	869
Zinc		<5	ug/l	5		UKAS	SX	34
Iron		<30	ug/l	30	0	UKAS	SX	38
Magnesium		2.81	mg/l	0.	.3	UKAS	SX	38
Potassium		2.67	mg/l	0.	.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20080235 - 1

Batch description: Aqueous samples for analysis



Reported on: 29-Jun-2015

Client:	Vitacress Salads Ltd.	Quete Description:	Project:	Freshwater	analys	is		
Folder No: Comments:	003239499 Hollybush out	Quote Description:	Freshwater analysis Sampled on:	17-Jun-15 (	@ 07:4	0		
Quote No:	7163		Matrix:	Freshwater				
Analyte		<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID_Tes</u>	<u>stcode</u>
Nitrate as N		<9.44	mg/l			None	NLS	864
Orthophosphat	e, Filtered as P	0.0170	) mg/l		0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	0.0300	) mg/l		0.03	UKAS	SX	25
Nitrite as N		<0.004	l00 mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	9.44	mg/l		0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	0.0160	) mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0206	6 mg/l		0.02	UKAS	SX	235
Solids, Suspen	ded at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc		6.25	ug/l		5	UKAS	SX	34
Iron		51.8	ug/l		30	UKAS	SX	38
Magnesium		2.79	mg/l		0.3	UKAS	SX	38
Potassium		2.33	mg/l		0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20080235 - 1

Batch description: Aqueous samples for analysis



Reported on: 29-Jun-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Proj Froshwator analy		Freshwate	er analys	is		
Folder No: Comments:	003239500 Dodding in		Freshwater analy Sampled		17-Jun-15	@ 08:0	5		
Quote No:	7163		Ma	trix:	Freshwate	r			
Analyte		<u>Result</u>	<u>Units</u>	<u> </u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<9.15	mg/l				None	NLS	864
Orthophosphat	te, Filtered as P	<0.010	)0 mg/l			0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	0.0300	) mg/l			0.03	UKAS	SX	25
Nitrite as N		<0.004	100 mg/l			0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	9.15	mg/l			0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	<0.010	00 mg/l			0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	00 mg/l			0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/l			3	UKAS	SX	869
Zinc		<5	ug/l			5	UKAS	SX	34
Iron		<30	ug/l			30	UKAS	SX	38
Magnesium		2.70	mg/l			0.3	UKAS	SX	38
Potassium		1.21	mg/l			0.1	UKAS	SX	38

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### **Analytical Report**

Final Report

Report ID - 20080235 - 1

Batch description: Aqueous samples for analysis



Reported on: 29-Jun-2015

Client:	Vitacress Salads Ltd.	Quete Description:	Project	••	Freshwater analy	sis		
Folder No: Comments:	003239501 Dodding out	Quote Description:	Freshwater analysis Sampled on		17-Jun-15 @ 08:	15		
Quote No:	7163		Matrix	c:	Freshwater			
Analyte		<u>Result</u>	<u>Units</u>	<u>Fla</u>	g <u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<7.75	mg/l			None	NLS	864
Orthophosphat	te, Filtered as P	0.0120	) mg/l		0.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	0.0300	) mg/l		0.03	UKAS	SX	25
Nitrite as N		<0.004	100 mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	7.75	mg/l		0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	<0.010	)0 mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	< 0.020	)0 mg/l		0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc		<5	ug/l		5	UKAS	SX	34
Iron		<30	ug/l		30	UKAS	SX	38
Magnesium		2.58	mg/l		0.3	UKAS	SX	38
Potassium		1.48	mg/l		0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20080235 - 1

Batch description: Aqueous samples for analysis



Reported on: 29-Jun-2015

Client:	Vitacress Salads Ltd.	Quete Description		ject:	Freshwate	er analys	sis		
Folder No: Comments:	003239502 Manor out	Quote Description:	Freshwater anal Sampled		17-Jun-15	@ 08:3	0		
Quote No:	7163		Ма	atrix:	Freshwate	er			
Analyte		<u>Result</u>	<u>Units</u>	I	-lag	<u>MRV</u>	<u>Accred</u>	<u>Lab ID_Tes</u>	stcode
Nitrate as N		<8.10	mg/l				None	NLS	864
Orthophosphat	te, Filtered as P	<0.010	)0 mg/l			0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	0.0300	) mg/l			0.03	UKAS	SX	25
Nitrite as N		< 0.004	l00 mg/l			0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	8.10	mg/l			0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0200	) mg/l			0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0414	mg/l			0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/l			3	UKAS	SX	869
Zinc		<5	ug/l			5	UKAS	SX	34
Iron		<30	ug/l			30	UKAS	SX	38
Magnesium		2.60	mg/l			0.3	UKAS	SX	38
Potassium		1.49	mg/l			0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20080235 - 1

Batch description: Aqueous samples for analysis



Reported on: 29-Jun-2015

Client:	Vitacress Salads Ltd.	Quete Description	Freebuctor	Project:	Freshwate	r analys	is		
Folder No: Comments:	003239503 Manor in	Quote Description:	Freshwater San	analysis opled on:	17-Jun-15	@ 09:0	0		
Quote No:	7163			Matrix:	Freshwate	r			
Analyte		<u>Result</u>	<u>Uı</u>	<u>nits I</u>	Flag	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<7.68	mg/l				None	NLS	864
Orthophosphat	e, Filtered as P	<0.010	)0 mg/l			0.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	0.0300	) mg/l			0.03	UKAS	SX	25
Nitrite as N		<0.004	400 mg/l			0.004	UKAS	SX	25
Nitrogen : Tota	l Oxidised as N	7.68	mg/l			0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	<0.010	)0 mg/l			0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	)0 mg/l			0.02	UKAS	SX	235
Solids, Suspen	ided at 105 C	<3	mg/l			3	UKAS	SX	869
Zinc		<5	ug/l			5	UKAS	SX	34
Iron		<30	ug/l			30	UKAS	SX	38
Magnesium		2.50	mg/l			0.3	UKAS	SX	38
Potassium		1.25	mg/l			0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20080235 - 1

Batch description: Aqueous samples for analysis



Reported on: 29-Jun-2015

Client:	Vitacress Salads Ltd.		Project		ater analys	is		
	00000504	Quote Description:	Freshwater analysis		45 0 00 0	•		
Folder No:	003239504		Sampled on	17-Jun-	-15 @ 06:0	0		
Comments:	Abbotts Ann in							
Quote No:	7163		Matrix	Freshw	ater			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	<u>stcode</u>
Nitrate as N		<9.95	mg/l			None	NLS	864
Orthophosphat	e, Filtered as P	0.0120	) mg/l		0.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	0.0300	) mg/l		0.03	UKAS	SX	25
Nitrite as N		<0.004	100 mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	l Oxidised as N	9.95	mg/l		0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	0.0100	) mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	)0 mg/l		0.02	UKAS	SX	235
Solids, Suspen	ided at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc		<5	ug/l		5	UKAS	SX	34
Iron		<30	ug/l		30	UKAS	SX	38
Magnesium		1.98	mg/l		0.3	UKAS	SX	38
Potassium		0.938	mg/l		0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20080235 - 1

Batch description: Aqueous samples for analysis



Reported on: 29-Jun-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater anal	/sis		
Folder No: Comments:	003239505 Abbotts Ann out		Sampled on:	17-Jun-15 @ 06	10		
Quote No:	7163		Matrix:	Freshwater			
Analyte		<u>Result</u>	<u>Units</u>	<u>Flag MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		8.32	mg/l		None	NLS	864
Orthophosphat	te, Filtered as P	0.521	mg/l	0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	0.313	mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0255	mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	8.35	mg/l	0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.235	mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.271	mg/l	0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	3.02	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		2.52	mg/l	0.3	UKAS	SX	38
Potassium		6.28	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20080235 - 1

Batch description: Aqueous samples for analysis



Reported on: 29-Jun-2015

Client:	Vitacress Salads Ltd.		Project:	Freshwater	analys	is		
		Quote Description:	Freshwater analysis					
Folder No:	003239506		Sampled on:	17-Jun-15 @	06:2	5		
Comments:	St Marybourne In. B Blo	ock						
Quote No:	7163		Matrix:	Freshwater				
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<7.05	mg/l			None	NLS	864
Orthophosphat	e, Filtered as P	0.0210	) mg/l		0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	0.0300	) mg/l		0.03	UKAS	SX	25
Nitrite as N		<0.004	00 mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	7.05	mg/l		0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	0.0180	) mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0215	6 mg/l		0.02	UKAS	SX	235
Solids, Suspen	ded at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc		<5	ug/l		5	UKAS	SX	34
Iron		<30	ug/l		30	UKAS	SX	38
Magnesium		1.61	mg/l		0.3	UKAS	SX	38
Potassium		0.811	mg/l		0.1	UKAS	SX	38

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### **Analytical Report**

Final Report

Report ID - 20080235 - 1

Batch description: Aqueous samples for analysis



Reported on: 29-Jun-2015

Client:	Vitacress Salads Ltd.		Project:	Freshwater analy	sis		
		Quote Description:	Freshwater analysis				
Folder No:	003239507		Sampled on:	17-Jun-15 @ 06:3	30		
Comments:	St Marybourne Out. B E	Block					
Quote No:	7163		Matrix:	Freshwater			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	Flag <u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		5.62	mg/l		None	NLS	864
Orthophosphat	e, Filtered as P	0.0440	) mg/l	0.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	0.0430	) mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0167	′ mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	5.64	mg/l	0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	0.0590	) mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0602	2 mg/l	0.02	UKAS	SX	235
Solids, Suspen	ded at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		1.68	mg/l	0.3	UKAS	SX	38
Potassium		0.852	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20080235 - 1

Batch description: Aqueous samples for analysis



Reported on: 29-Jun-2015

Client:	Vitacress Salads Ltd.		Project:	Freshwate	er analys	sis		
		Quote Description:	Freshwater analysis					
Folder No:	003239508		Sampled on:	17-Jun-15	6 @ 06:4	0		
Comments:	St Marybourne In. D Blo	ock			-			
Quote No:	7163		Matrix:	Freshwate	er			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<6.70	mg/l			None	NLS	864
Orthophosphat	e, Filtered as P	0.0370	) mg/l		0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	0.0300	) mg/l		0.03	UKAS	SX	25
Nitrite as N		<0.004	00 mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	6.70	mg/l		0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	0.0370	) mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0344	mg/l		0.02	UKAS	SX	235
Solids, Suspen	ded at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc		<5	ug/l		5	UKAS	SX	34
Iron		<30	ug/l		30	UKAS	SX	38
Magnesium		1.63	mg/l		0.3	UKAS	SX	38
Potassium		1.02	mg/l		0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20080235 - 1

Batch description: Aqueous samples for analysis



Reported on: 29-Jun-2015

Client:	Vitacress Salads Ltd.		Project:	Freshwater analy	/sis		
		Quote Description:	Freshwater analysis				
Folder No:	003239509		Sampled on:	17-Jun-15 @ 06:	45		
Comments:	St Marybourne Out. D E	Block					
Quote No:	7163		Matrix:	Freshwater			
Analyte		<u>Result</u>	Units	<u>Flag</u> <u>MRV</u>	<u>Accred</u>	Lab ID_Te:	stcode
Nitrate as N		4.51	mg/l		None	NLS	864
Orthophosphat	e, Filtered as P	0.0700	) mg/l	0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	0.0780	) mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0323	s mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	l Oxidised as N	4.54	mg/l	0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	0.0640	) mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.143	mg/l	0.02	UKAS	SX	235
Solids, Suspen	ided at 105 C	30.6	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		77.6	ug/l	30	UKAS	SX	38
Magnesium		1.64	mg/l	0.3	UKAS	SX	38
Potassium		0.754	mg/l	0.1	UKAS	SX	38

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### **Analytical Report**

Final Report

Report ID - 20080235 - 1

Batch description: Aqueous samples for analysis



Reported on: 29-Jun-2015

Client:	Vitacress Salads Ltd.		Project:	Freshwater and	alysis		
Folder No: Comments:	003239510 St Marybourne River	Quote Description:	Freshwater analysis Sampled on:	17-Jun-15 @ 0	7:00		
Quote No:	7163		Matrix:	Freshwater			
Analyte		<u>Result</u>	<u>Units</u>	Flag <u>MR</u>	V <u>Accred</u>	Lab ID_Te:	<u>stcode</u>
Nitrate as N		6.72	mg/l		None	NLS	864
Orthophosphat	te, Filtered as P	0.0340	) mg/l	0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	0.0300	mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0057	'0 mg/l	0.00	04 UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	6.73	mg/l	0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0360	) mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0426	6 mg/l	0.02	2 UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		1.68	mg/l	0.3	UKAS	SX	38
Potassium		0.798	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20080235 - 1

Batch description: Aqueous samples for analysis



Reported on: 29-Jun-2015

Client: Vitacress Sala		Project:	Freshwater analys	sis		
E	Quote Description:	Freshwater analysis		•		
Folder No: 003239511		Sampled on:	17-Jun-15 @ 07:4	0		
Comments: Pinglestone In		•• • •				
Quote No: 7163		Matrix:	Freshwater			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	Flag <u>MRV</u>	<u>Accred</u>	Lab ID_Tes	<u>stcode</u>
Nitrate as N	<7.19	mg/l		None	NLS	864
Orthophosphate, Filtered as P	0.0270	) mg/l	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.0300	) mg/l	0.03	UKAS	SX	25
Nitrite as N	<0.004	100 mg/l	0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	7.19	mg/l	0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0220	) mg/l <sup>/</sup>	DC 0.01	UKAS	SX	25
Phosphate : Total as P	0.0282	2 mg/l	0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc	<5	ug/l	5	UKAS	SX	34
Iron	<30	ug/l	30	UKAS	SX	38
Magnesium	1.94	mg/l	0.3	UKAS	SX	38
Potassium	0.990	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20080235 - 1

Batch description: Aqueous samples for analysis



Reported on: 29-Jun-2015

Client:	Vitacress Salads Ltd.	Quete Description:	Project:	Freshwater analy	sis		
Folder No: Comments:	003239512 Pinglestone Out	Quote Description:	Freshwater analysis Sampled on:	17-Jun-15 @ 07:	50		
Quote No:	7163		Matrix:	Freshwater			
Analyte		<u>Result</u>	<u>Units</u>	<u>-lag MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		5.70	mg/l		None	NLS	864
Orthophosphat	e, Filtered as P	0.0130	mg/l	0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	0.0430	mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0172	mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	l Oxidised as N	5.72	mg/l	0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	0.0160	mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0340	mg/l	0.02	UKAS	SX	235
Solids, Suspen	ided at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		1.91	mg/l	0.3	UKAS	SX	38
Potassium		0.406	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



#### **Analytical Report**

Final Report

Report ID - 20080235 - 1



Batch description: Aqueous samples for analysis

Reported on: 29-Jun-2015

#### Method Description Summary for all samples in batch Number 20080235

- 25 SX I Nutrients determined colorimetrically by CF autoanalyser
- 34 SX M ICPMS Routine Metals acid digested; determined by ICPMS
- 38 SX M ICPOES Routine Metals acid digested; determined by ICPOES
- SX I Phosphate (total) digested; determined colorimetrically by autoanalyser
  SX I Saline Nutrients determined colorimetrically by discrete analyser
- 864 Parameter by calculation
- 869 SX I Suspended Solids filtered; determined by gravimetry

#### James Trout Laboratory Site Manager

All reporting limits quoted are those achievable for clean samples of the relevant matrix. No allowance is made for instances when dilutions are necessary owing to the nature of the sample or insufficient volume of the sample being available. In these cases higher reporting limits may be quoted and will be above the MRV.

Solid sample results are determined on a "dried" sample fraction except for parameters where the method description identifies that "as received" sample was used.

Key to Results Flags:

DC Analysis started outside of specified holding time. It is possible that the results may be compromised.

The analysis start date specified is the date of the first test, dates for other analysis are available on request.

Please note all samples will be retained for 10 working days for aqueous samples and 30 working days for solid samples after reporting unless otherwise agreed with Customer Services

Key to Accreditation: UKAS = Methodology accredited to ISO/IEC 17025:2005, MCertS = Methodology accredited to MCertS Performance Standard for testing of soils, none = Methodology not accredited

Key to Lab ID: LE = Leeds, NM = Nottingham, SX = Starcross, SC = Sub-Contracted outside NLS, FI = Field Data - outside NLS, NLS = Calculated Any subsequent version of this report denoted with a higher version number will supersede this and any previous versions

#### END OF TEST REPORT

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



#### **Analytical Report**

Final Report

Report ID - 20081256 - 1

Batch description: Aqueous samples for analysis



Reported on: 28-Jul-2015

Doreen Hall Vitacress Salads Ltd. Manor Farm Southbrook Bereregis Dorset BH20 7LH

#### Dear Doreen

Please find attached the results for the batch of 17 samples described below.

Samples Registered on:	16-Jul-2015
Analysis Started on:	16-Jul-2015
Analysis Completed on:	28-Jul-2015
Results for Batch Number	20081256
Your Purchase Order Number:	B10022883
You will be invoiced shortly by our accounts department.	

If we can be of further assistance then please do not hesitate to contact us.

Yours sincerely

Vici Morgan Customer Services Team Leader Tel: (0113) 231 2178 nls@environment-agency.gov.uk

Opinions and interpretations expressed herein are outside the scope of UKAS Accreditation. Details of analytical procedures and performance data are available on request. The date of sample analysis is available on request.

The Environment Agency carries out analytical work to high standards and within the scope of its UKAS accreditation, but has no knowledge of whether the circumstances or the validity of the procedures used to obtain the samples provided to the laboratory were representative of the need for which the information was required.

The Environment Agency and/or its staff does not therefore accept any liability for the consequences of any acts or omissions made on the basis of the analysis or advice or interpretation provided.

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20081256 - 1

Batch description: Aqueous samples for analysis



Reported on: 28-Jul-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater	analysi	is		
Folder No: Comments:	003239513 Spetisbury In		Sampled on:	15-Jul-15 @	07:00			
Quote No:	7163		Matrix:	Freshwater				
<u>Analyte</u> Nitrate as N		<u>Result</u> <10.2	<u>Units</u> mg/l	<u>Flag</u>	<u>MRV</u>	<u>Accred</u> None	<u>Lab ID_Tes</u> NLS	<u>stcode</u> 864
Orthophosphat	te, Filtered as P	0.0180	) mg/l		0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	0.0300	) mg/l		0.03	UKAS	SX	25
Nitrite as N		<0.004	100 mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	10.2	mg/l		0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0190	) mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	)0 mg/l		0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc		<5	ug/l	QB	5	UKAS	SX	34
Iron		<30	ug/l		30	UKAS	SX	38
Magnesium		2.43	mg/l		0.3	UKAS	SX	38
Potassium		1.84	mg/l		0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20081256 - 1

Batch description: Aqueous samples for analysis



Reported on: 28-Jul-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater an	alysis		
Folder No: Comments:	003239514 Spetisbury Out		Sampled on:	15-Jul-15 @ 0	7:10		
Quote No:	7163		Matrix:	Freshwater			
<u>Analyte</u> Nitrate as N		<u>Result</u> 5.58	<u>Units</u> mg/l	Flag <u>MF</u>	<u>RV</u> <u>Accred</u> None	<u>Lab ID_Te</u> NLS	<u>stcode</u> 864
	e, Filtered as P	0.0250	•	0.0		SX	237
Ammoniacal Ni	itrogen as N	0.0740	0	0.0	3 UKAS	SX	25
Nitrite as N		0.0555	mg/l	0.0	04 UKAS	SX	25
Nitrogen : Tota	l Oxidised as N	5.64	mg/l	0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	0.0330	mg/l	0.0	1 UKAS	SX	25
Phosphate : To	otal as P	0.0677	mg/l	0.0	2 UKAS	SX	235
Solids, Suspen	ided at 105 C	7.28	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	QB 5	UKAS	SX	34
Iron		37.7	ug/l	30	UKAS	SX	38
Magnesium		1.56	mg/l	0.3	UKAS	SX	38
Potassium		1.14	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20081256 - 1

Batch description: Aqueous samples for analysis



Reported on: 28-Jul-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Proje Freshwater analys		Freshwater a	inalysi	S		
Folder No:	003239515		Sampled o	n:	15-Jul-15 @	07:40			
Comments:	Hollybush In								
Quote No:	7163		Matr	ix:	Freshwater				
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	E	ilag <u>N</u>	<u> IRV</u>	<u>Accred</u>	Lab ID_Tes	<u>stcode</u>
Nitrate as N		<12.4	mg/l				None	NLS	864
Orthophosphat	e, Filtered as P	0.0160	) mg/l		0	.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	0.0300	) mg/l		0	.03	UKAS	SX	25
Nitrite as N		< 0.004	400 mg/l		0	.004	UKAS	SX	25
Nitrogen : Tota	l Oxidised as N	12.4	mg/l		0	.2	UKAS	SX	25
Orthophosphat	e, reactive as P	0.0180	) mg/l		0	.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	00 mg/l		0	.02	UKAS	SX	235
Solids, Suspen	ided at 105 C	<3	mg/l	D	с 3		UKAS	SX	869
Zinc		<5	ug/l	QI	в 5		UKAS	SX	34
Iron		<30	ug/l		3	0	UKAS	SX	38
Magnesium		2.59	mg/l		0	.3	UKAS	SX	38
Potassium		1.02	mg/l		0.	.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20081256 - 1

Batch description: Aqueous samples for analysis



Reported on: 28-Jul-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater	analys	is		
Folder No: Comments:	003239516 Hollybush Out	· ·	Sampled on:	15-Jul-15 @	07:50			
Quote No:	7163		Matrix:	Freshwater				
<u>Analyte</u> Nitrate as N		<u>Result</u> 8.28	<u>Units</u> mg/l	<u>Flag</u>	<u>MRV</u>	<u>Accred</u> None	<u>Lab ID_Tes</u> NLS	<u>stcode</u> 864
Orthophosphat	te, Filtered as P	<0.010	00 mg/l		0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	0.179	mg/l		0.03	UKAS	SX	25
Nitrite as N		0.0416	6 mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	8.32	mg/l		0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0250	) mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0552	2 mg/l		0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc		<5	ug/l	QB	5	UKAS	SX	34
Iron		128	ug/l		30	UKAS	SX	38
Magnesium		2.59	mg/l		0.3	UKAS	SX	38
Potassium		4.47	mg/l		0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20081256 - 1

Batch description: Aqueous samples for analysis



Reported on: 28-Jul-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis		er analys	sis		
Folder No: Comments:	003239517 Manor In		Sampled on:		@ 08:10	)		
Quote No:	7163		Matrix	Freshwate	er			
<u>Analyte</u> Nitrate as N		<u>Result</u> <8.23	<u>Units</u> mg/l	<u>Flag</u>	<u>MRV</u>	<u>Accred</u> None	<u>Lab ID_Tes</u> NLS	<u>stcode</u> 864
Orthophosphat	te, Filtered as P	0.0130	) mg/l		0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	0.0300	) mg/l		0.03	UKAS	SX	25
Nitrite as N		<0.004	100 mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	8.23	mg/l		0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0180	) mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0685	5 mg/l		0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	16.2	mg/l		3	UKAS	SX	869
Zinc		<5	ug/l	QB	5	UKAS	SX	34
Iron		<30	ug/l		30	UKAS	SX	38
Magnesium		2.58	mg/l		0.3	UKAS	SX	38
Potassium		1.25	mg/l		0.1	UKAS	SX	38

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### **Analytical Report**

Final Report

Report ID - 20081256 - 1

Batch description: Aqueous samples for analysis



Reported on: 28-Jul-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater ana	lysis		
Folder No: Comments:	003239518 Manor Out		Sampled on:	15-Jul-15 @ 08	:20		
Quote No:	7163		Matrix:	Freshwater			
<u>Analyte</u> Nitrate as N		<u>Result</u> 8.51	<u>Units</u> mg/l	<u>Flag MR</u>	/ <u>Accred</u> None	<u>Lab ID_Te</u> s NLS	<u>stcode</u> 864
Orthophosphat	te, Filtered as P	0.0280	mg/l	0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	0.0770	mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0661	mg/l	0.00	4 UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	8.58	mg/l	0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0350	mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0373	mg/l	0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	4.13	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	QB 5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		2.68	mg/l	0.3	UKAS	SX	38
Potassium		1.82	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20081256 - 1

Batch description: Aqueous samples for analysis



Reported on: 28-Jul-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis		er analys	sis		
Folder No: Comments:	003239519 Dodding In		Sampled on:	15-Jul-15	@ 08:30	)		
Quote No:	7163		Matrix	Freshwate	er			
<u>Analyte</u> Nitrate as N		<u>Result</u> <7.79	<u>Units</u> mg/l	<u>Flag</u>	<u>MRV</u>	<u>Accred</u> None	<u>Lab ID_Tes</u> NLS	<u>stcode</u> 864
Orthophosphat	te, Filtered as P	0.0710	) mg/l		0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	0.0620	) mg/l		0.03	UKAS	SX	25
Nitrite as N		<0.004	100 mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	7.79	mg/l		0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0510	) mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0448	3 mg/l		0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc		<5	ug/l	QB	5	UKAS	SX	34
Iron		<30	ug/l		30	UKAS	SX	38
Magnesium		2.78	mg/l		0.3	UKAS	SX	38
Potassium		1.37	mg/l		0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20081256 - 1

Batch description: Aqueous samples for analysis



Reported on: 28-Jul-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater analy	vsis		
Folder No: Comments:	003239520 Doddings Out	2000 - 000 pic	Sampled on:	15-Jul-15 @ 08:4	0		
Quote No:	7163		Matrix:	Freshwater			
Analyte		<u>Result</u>	Units	Flag <u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		10.4	mg/l		None	NLS	864
Orthophosphat	e, Filtered as P	0.0270	mg/l	0.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	0.298	mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0102	mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	l Oxidised as N	10.4	mg/l	0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	0.297	mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.308	mg/l	0.02	UKAS	SX	235
Solids, Suspen	ded at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	QB 5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		2.85	mg/l	0.3	UKAS	SX	38
Potassium		2.90	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20081256 - 1

Batch description: Aqueous samples for analysis



Reported on: 28-Jul-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater an	alysis		
Folder No: Comments:	003239521 Abbotts Ann In		Sampled on:	15-Jul-15 @ 0	6:00		
Quote No:	7163		Matrix:	Freshwater			
Analyte		<u>Result</u>	<u>Units</u>	<u>Flag</u> <u>MF</u>	<u>RV</u> <u>Accred</u>	Lab ID_Te:	stcode
Nitrate as N		<8.87	mg/l		None	NLS	864
Orthophosphat	te, Filtered as P	0.0160	) mg/l	0.0	1 UKAS	SX	237
Ammoniacal N	itrogen as N	0.0300	) mg/l	0.0	3 UKAS	SX	25
Nitrite as N		<0.004	100 mg/l	0.0	04 UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	8.87	mg/l	0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0170	) mg/l	0.0	1 UKAS	SX	25
Phosphate : To	otal as P	<0.020	)0 mg/l	0.0	2 UKAS	SX	235
Solids, Susper	nded at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	QB 5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		1.83	mg/l	0.3	UKAS	SX	38
Potassium		0.847	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20081256 - 1

Batch description: Aqueous samples for analysis



Reported on: 28-Jul-2015

Client: Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater analy	sis		
Folder No: 003239522 Comments: Abbotts Ann Out	2000 - 000 prom	Sampled on:	15-Jul-15 @ 06:1	0		
Quote No: 7163		Matrix:	Freshwater			
Analyte	<u>Result</u>	Units	Flag <u>MRV</u>	<u>Accred</u>	Lab ID_Tes	<u>stcode</u>
Nitrate as N	8.63	mg/l		None	NLS	864
Orthophosphate, Filtered as P	0.0260	mg/l	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.114	mg/l	0.03	UKAS	SX	25
Nitrite as N	0.0517	mg/l	0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	8.68	mg/l	0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0350	mg/l	0.01	UKAS	SX	25
Phosphate : Total as P	0.0470	mg/l	0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc	<5	ug/l	QB 5	UKAS	SX	34
Iron	39.9	ug/l	30	UKAS	SX	38
Magnesium	1.92	mg/l	0.3	UKAS	SX	38
Potassium	1.07	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20081256 - 1

Batch description: Aqueous samples for analysis



Reported on: 28-Jul-2015

Client:	Vitacress Salads Ltd.		Project:	Freshwater analys	sis		
		Quote Description:	Freshwater analysis		_		
Folder No:	003239523		Sampled on:	15-Jul-15 @ 06:3	)		
Comments:	St Marybourne In. B Blo	ck					
Quote No:	7163		Matrix:	Freshwater			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u>Flag</u> <u>MRV</u>	<u>Accred</u>	Lab ID_Tes	<u>stcode</u>
Nitrate as N		<7.40	mg/l		None	NLS	864
Orthophosphat	e, Filtered as P	0.0250	) mg/l	0.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	0.0300	) mg/l	0.03	UKAS	SX	25
Nitrite as N		<0.004	100 mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	7.40	mg/l	0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	0.0260	) mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0208	3 mg/l	0.02	UKAS	SX	235
Solids, Suspen	ded at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	QB 5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		1.64	mg/l	0.3	UKAS	SX	38
Potassium		0.778	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20081256 - 1

Batch description: Aqueous samples for analysis



Reported on: 28-Jul-2015

Client:	Vitacress Salads Ltd.		Project:	Freshwater analys	sis		
		Quote Description:	Freshwater analysis				
Folder No:	003239524		Sampled on:	15-Jul-15 @ 06:40	)		
Comments:	St Marybourne Out. B E	Block					
Quote No:	7163		Matrix:	Freshwater			
<u>Analyte</u>		<u>Result</u>	Units	<u>Flag MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		6.17	mg/l		None	NLS	864
Orthophosphat	e, Filtered as P	0.108	mg/l	0.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	0.0350	mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0248	s mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	l Oxidised as N	6.19	mg/l	0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	0.110	mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.121	mg/l	0.02	UKAS	SX	235
Solids, Suspen	ded at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	QB 5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		1.83	mg/l	0.3	UKAS	SX	38
Potassium		1.11	mg/l	0.1	UKAS	SX	38

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### **Analytical Report**

Final Report

Report ID - 20081256 - 1

Batch description: Aqueous samples for analysis



Reported on: 28-Jul-2015

Client:	Vitacress Salads Ltd.		Project:	Freshwater analys	sis		
		Quote Description:	Freshwater analysis				
Folder No:	003239525		Sampled on:	15-Jul-15 @ 06:5	0		
Comments:	St Marybourne In. D Blo	ock					
Quote No:	7163		Matrix:	Freshwater			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u>Flag</u> <u>MRV</u>	<u>Accred</u>	Lab ID_Tes	<u>stcode</u>
Nitrate as N		<6.85	mg/l		None	NLS	864
Orthophosphat	e, Filtered as P	0.0290	) mg/l	0.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	0.0300	) mg/l	0.03	UKAS	SX	25
Nitrite as N		<0.004	100 mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	6.85	mg/l	0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	0.0330	) mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0277	7 mg/l	0.02	UKAS	SX	235
Solids, Suspen	ded at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	QB 5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		1.62	mg/l	0.3	UKAS	SX	38
Potassium		0.884	mg/l	0.1	UKAS	SX	38

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### **Analytical Report**

Final Report

Report ID - 20081256 - 1

Batch description: Aqueous samples for analysis



Reported on: 28-Jul-2015

Client:	Vitacress Salads Ltd.		Project:	Freshwater analys	is		
		Quote Description:	Freshwater analysis				
Folder No:	003239526		Sampled on:	15-Jul-15 @ 07:00	)		
Comments:	St Marybourne Out. D E	Block					
Quote No:	7163		Matrix:	Freshwater			
<u>Analyte</u>		<u>Result</u>	Units	Flag <u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		5.61	mg/l		None	NLS	864
Orthophosphat	e, Filtered as P	0.0240	mg/l	0.01	UKAS	SX	237
Ammoniacal Ni	trogen as N	0.0300	mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0142	mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	5.62	mg/l	0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	0.0290	mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0341	mg/l	0.02	UKAS	SX	235
Solids, Suspen	ded at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	QB 5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		1.69	mg/l	0.3	UKAS	SX	38
Potassium		0.128	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20081256 - 1

Batch description: Aqueous samples for analysis



Reported on: 28-Jul-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater ana	lysis		
Folder No: Comments:	003239527 St Marybourne River	20010 2000.ptio	Sampled on:	15-Jul-15 @ 07	10		
Quote No:	7163		Matrix:	Freshwater			
<u>Analyte</u> Nitrate as N		<u>Result</u> <7.17		<u>Flag</u> <u>MRN</u>	<u>/ Accred</u> None	<u>Lab ID_Tes</u> NLS	<u>stcode</u> 864
	te, Filtered as P	0.0370	mg/l ) mg/l	0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	0.0300	) mg/l	0.03	UKAS	SX	25
Nitrite as N		<0.004	100 mg/l	0.00	4 UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	7.17	mg/l	0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0400	) mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0368	3 mg/l	0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	QB 5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		1.68	mg/l	0.3	UKAS	SX	38
Potassium		0.845	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20081256 - 1

Batch description: Aqueous samples for analysis



Reported on: 28-Jul-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater a	nalysis		
Folder No: Comments:	003239528 Pinglestone In		Sampled on:	15-Jul-15 @ (	07:45		
Quote No:	7163		Matrix:	Freshwater			
<u>Analyte</u> Nitrate as N		<u>Result</u> <8.17	<u>Units</u> mg/l	<u>Flag M</u>	I <u>RV</u> <u>Accrea</u> None	<u>l Lab ID T</u> NLS	<u>estcode</u> 864
Orthophosphat	te, Filtered as P	0.0230	) mg/l	0.	01 UKAS	SX	237
Ammoniacal N	litrogen as N	0.0300	) mg/l	0.	03 UKAS	SX	25
Nitrite as N		<0.004	100 mg/l	0.	004 UKAS	SX	25
Nitrogen : Tota	al Oxidised as N	8.17	mg/l	0.	2 UKAS	SX	25
Orthophosphat	te, reactive as P	0.0260	) mg/l	0.	01 UKAS	SX	25
Phosphate : To	otal as P	0.0206	6 mg/l	0.	02 UKAS	SX	235
Solids, Susper	nded at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	QB 5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		1.95	mg/l	0.	3 UKAS	SX	38
Potassium		0.962	mg/l	0.	1 UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20081256 - 1

Batch description: Aqueous samples for analysis



Reported on: 28-Jul-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater analy	/sis		
Folder No: Comments:	003239529 Pinglestone Out		Sampled on:	15-Jul-15 @ 07:5	50		
Quote No:	7163		Matrix:	Freshwater			
<u>Analyte</u> Nitrate as N		<u>Result</u> 6.39	<u>Units</u> mg/l	<u>Flag MRV</u>	<u>Accred</u> None	<u>Lab ID_Te</u> s NLS	<u>stcode</u> 864
Orthophosphat	e, Filtered as P	0.0300	mg/l	0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	0.0680	mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0321	mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	l Oxidised as N	6.42	mg/l	0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	0.0360	mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0353	mg/l	0.02	UKAS	SX	235
Solids, Suspen	ided at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	QB 5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		2.02	mg/l	0.3	UKAS	SX	38
Potassium		0.779	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



#### **Analytical Report**

Final Report

Report ID - 20081256 - 1



Batch description: Aqueous samples for analysis

Reported on: 28-Jul-2015

#### Method Description Summary for all samples in batch Number 20081256

- 25 SX I Nutrients determined colorimetrically by CF autoanalyser
- 34 SX M ICPMS Routine Metals acid digested; determined by ICPMS
- 38 SX M ICPOES Routine Metals acid digested; determined by ICPOES
- SX I Phosphate (total) digested; determined colorimetrically by autoanalyser
  SX I Saline Nutrients determined colorimetrically by discrete analyser
- 864 Parameter by calculation
- 869 SX I Suspended Solids filtered; determined by gravimetry

#### James Trout Laboratory Site Manager

All reporting limits quoted are those achievable for clean samples of the relevant matrix. No allowance is made for instances when dilutions are necessary owing to the nature of the sample or insufficient volume of the sample being available. In these cases higher reporting limits may be quoted and will be above the MRV.

Solid sample results are determined on a "dried" sample fraction except for parameters where the method description identifies that "as received" sample was used.

Key to Results Flags:

- DC Analysis started outside of specified holding time. It is possible that the results may be compromised.
- D1 Sample was received in a container unsuitable for this test. It is possible results may be compromised
- D2 Sample has been provided in a condition unsuitable for analysis. This will put the analysis outside the scope of our UKAS accreditation and it is possible results may be compromised
- QB QC flag. Reported result not affected

The analysis start date specified is the date of the first test, dates for other analysis are available on request.

Please note all samples will be retained for 10 working days for aqueous samples and 30 working days for solid samples after reporting unless otherwise agreed with Customer Services

Key to Accreditation: UKAS = Methodology accredited to ISO/IEC 17025:2005, MCertS = Methodology accredited to MCertS Performance Standard for testing of soils, none = Methodology not accredited

Key to Lab ID: LE = Leeds, NM = Nottingham, SX = Starcross, SC = Sub-Contracted outside NLS, FI = Field Data - outside NLS, NLS = Calculated Any subsequent version of this report denoted with a higher version number will supersede this and any previous versions

END OF TEST REPORT

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



#### **Analytical Report**

Final Report

Report ID - 20082763 - 1



Batch description: Aqueous samples for analysis

Reported on: 28-Aug-2015

Doreen Hall Vitacress Salads Ltd. Manor Farm Southbrook Bereregis Dorset BH20 7LH

Dear Doreen

Please find attached the results for the batch of 17 samples described below.

Samples Registered on:	20-Aug-2015
Analysis Started on:	20-Aug-2015
Analysis Completed on:	28-Aug-2015
Results for Batch Number	20082763
Your Purchase Order Number:	B100240745
You will be invoiced shortly by our accounts department.	

If we can be of further assistance then please do not hesitate to contact us.

Yours sincerely

gar

Vici Morgan Customer Services Team Leader Tel: (0113) 231 2178 nls@environment-agency.gov.uk

Opinions and interpretations expressed herein are outside the scope of UKAS Accreditation. Details of analytical procedures and performance data are available on request. The date of sample analysis is available on request.

The Environment Agency carries out analytical work to high standards and within the scope of its UKAS accreditation, but has no knowledge of whether the circumstances or the validity of the procedures used to obtain the samples provided to the laboratory were representative of the need for which the information was required.

The Environment Agency and/or its staff does not therefore accept any liability for the consequences of any acts or omissions made on the basis of the analysis or advice or interpretation provided.

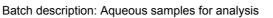
NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20082763 - 1





Reported on: 28-Aug-2015

Client: Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater analy	sis		
Folder No: 003239530 Comments: Spetisbury In		Sampled on:	19-Aug-15 @ 07:0	00		
Quote No: 7163		Matrix:	Freshwater			
Analyte	<u>Result</u>	Units	Flag <u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N	<10.1	mg/l		None	NLS	864
Orthophosphate, Filtered as P	0.0150	mg/l	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l	0.03	UKAS	SX	25
Nitrite as N	<0.0040	0 mg/l	0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	10.1	mg/l	0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0120	mg/l	0.01	UKAS	SX	25
Phosphate : Total as P	<0.0200	mg/l	0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc	<5	ug/l	5	UKAS	SX	34
Iron	<30	ug/l	QB 30	UKAS	SX	38
Magnesium	2.25	mg/l	0.3	UKAS	SX	38
Potassium	1.82	mg/l	0.1	UKAS	SX	38

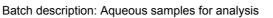
NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20082763 - 1





Reported on: 28-Aug-2015

Client: Vitacress Salads Ltd.	Quete Description	Project:	Freshwater analy	vsis		
Folder No: 003239531 Comments: Spetisbury Out	Quote Description:	Freshwater analysis Sampled on:	19-Aug-15 @ 07	:10		
Quote No: 7163		Matrix:	Freshwater			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	Flag <u>MRV</u>	<u>Accred</u>	<u>Lab ID_Te</u>	stcode
Nitrate as N	8.04	mg/l		None	NLS	864
Orthophosphate, Filtered as P	<0.010	)0 mg/l	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	)0 mg/l	0.03	UKAS	SX	25
Nitrite as N	0.0198	3 mg/l	0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	8.06	mg/l	0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.010	00 mg/l	0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	00 mg/l	0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc	<5	ug/l	5	UKAS	SX	34
Iron	<30	ug/l	QB 30	UKAS	SX	38
Magnesium	2.17	mg/l	0.3	UKAS	SX	38
Potassium	0.539	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20082763 - 1

Batch description: Aqueous samples for analysis



Reported on: 28-Aug-2015

Client: Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater analy	sis		
Folder No: 003239532 Comments: Doddings Out		Sampled on:	19-Aug-15 @ 07:	35		
Quote No: 7163		Matrix:	Freshwater			
Analyte	<u>Result</u>	Units	Flag <u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N	11.5	mg/l		None	NLS	864
Orthophosphate, Filtered as P	<0.010	00 mg/l	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	00 mg/l	0.03	UKAS	SX	25
Nitrite as N	0.0059	00 mg/l	0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	11.5	mg/l	0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.010	00 mg/l	0.01	UKAS	SX	25
Phosphate : Total as P	0.138	mg/l	0.02	UKAS	SX	235
Solids, Suspended at 105 C	25.0	mg/l	3	UKAS	SX	869
Zinc	<5	ug/l	5	UKAS	SX	34
Iron	<30	ug/l	QB 30	UKAS	SX	38
Magnesium	2.59	mg/l	0.3	UKAS	SX	38
Potassium	2.25	mg/l	0.1	UKAS	SX	38

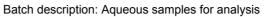
NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20082763 - 1





Reported on: 28-Aug-2015

Client: Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater analy	sis		
Folder No: 003239533 Comments: Doddings In	2.000 <u>-</u> 000. p.c	Sampled on:	19-Aug-15 @ 07:	45		
Quote No: 7163		Matrix:	Freshwater			
Analyte	<u>Result</u>	<u>Units</u>	Flag <u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N	<11.6	mg/l		None	NLS	864
Orthophosphate, Filtered as P	<0.010	0 mg/l	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	0 mg/l	0.03	UKAS	SX	25
Nitrite as N	<0.004	.00 mg/l	0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	11.6	mg/l	0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.010	0 mg/l	0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	0 mg/l	0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc	<5	ug/l	5	UKAS	SX	34
Iron	<30	ug/l	QB 30	UKAS	SX	38
Magnesium	2.62	mg/l	0.3	UKAS	SX	38
Potassium	1.83	mg/l	0.1	UKAS	SX	38

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### **Analytical Report**

Final Report

Report ID - 20082763 - 1



Reported on: 28-Aug-2015

Batch description: Aqueous samples for analysis

Client:	Vitacress Salads Ltd.		Project:	Freshwater analy	sis		
Folder No: Comments:	003239534 Hollybush Out	Quote Description:	Freshwater analysis Sampled on:	19-Aug-15 @ 07:	50		
Quote No:	7163		Matrix:	Freshwater			
<u>Analyte</u> Nitrate as N		<u>Result</u> 8.15	<u>Units</u> mg/l	<u>Flag MRV</u>	<u>Accred</u> None	<u>Lab ID_Tes</u> NLS	<u>stcode</u> 864
Orthophosphat	te, Filtered as P	<0.010	0	0.01	UKAS	SX	237
Ammoniacal N	litrogen as N	0.233	mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0399	) mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	al Oxidised as N	8.19	mg/l	0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0440	) mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.356	mg/l	0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	69.7	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		2.05	mg/l	0.3	UKAS	SX	38
Potassium		0.506	mg/l	0.1	UKAS	SX	38

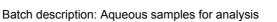
NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20082763 - 1





Reported on: 28-Aug-2015

Quote Description: Freshwater analysis Folder No: 003239535 Sampled on: 19-Aug-15 @ 07:55 Comments: Hollybush In	
Quote No: 7163 Matrix: Freshwater	
Analyte Result Units Flag MRV Accred Lab ID	Testcode
Nitrate as N <10.0 mg/l None NLS	864
Orthophosphate, Filtered as P 0.0140 mg/l 0.01 UKAS SX	237
Ammoniacal Nitrogen as N <0.0300 mg/l 0.03 UKAS SX	25
Nitrite as N <0.00400 mg/l 0.004 UKAS SX	25
Nitrogen : Total Oxidised as N 10.0 mg/l 0.2 UKAS SX	25
Orthophosphate, reactive as P 0.0120 mg/l 0.01 UKAS SX	25
Phosphate : Total as P <0.0200 mg/l 0.02 UKAS SX	235
Solids, Suspended at 105 C <3 mg/l 3 UKAS SX	869
Zinc <5 ug/l <sup>5</sup> UKAS SX	34
Iron <30 ug/l <sup>QB</sup> <sup>30</sup> UKAS SX	38
Magnesium 2.35 mg/l 0.3 UKAS SX	38
Potassium 1.71 mg/l 0.1 UKAS SX	38

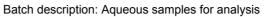
NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20082763 - 1





Reported on: 28-Aug-2015

Client: Vitacress Sala	ads Ltd. Quote Description:	Project: Freshwater analysis	Freshwater analys	sis		
Folder No: 003239536 Comments: Manor In		Sampled on:	19-Aug-15 @ 08:0	)5		
Quote No: 7163		Matrix:	Freshwater			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	-lag <u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N	<11.7	mg/l		None	NLS	864
Orthophosphate, Filtered as P	0.011	0 mg/l	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.03	00 mg/l	0.03	UKAS	SX	25
Nitrite as N	<0.004	400 mg/l	0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	11.7	mg/l	0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.01	00 mg/l	0.01	UKAS	SX	25
Phosphate : Total as P	<0.02	00 mg/l	0.02	UKAS	SX	235
Solids, Suspended at 105 C	4.28	mg/l	3	UKAS	SX	869
Zinc	<5	ug/l	5	UKAS	SX	34
Iron	<30	ug/l	30	UKAS	SX	38
Magnesium	2.53	mg/l	0.3	UKAS	SX	38
Potassium	1.85	mg/l	0.1	UKAS	SX	38

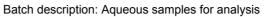
NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20082763 - 1





Reported on: 28-Aug-2015

Client: Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater analys	sis		
Folder No: 003239537 Comments: Manor Out		Sampled on:	19-Aug-15 @ 08:4	40		
Quote No: 7163		Matrix:	Freshwater			
Analyte	<u>Result</u>	Units	Flag <u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N	<11.6	mg/l		None	NLS	864
Orthophosphate, Filtered as P	0.0160	mg/l	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	0 mg/l	0.03	UKAS	SX	25
Nitrite as N	<0.004	00 mg/l	0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	11.6	mg/l	0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.010	0 mg/l	0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	0 mg/l	0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc	<5	ug/l	5	UKAS	SX	34
Iron	<30	ug/l	30	UKAS	SX	38
Magnesium	2.51	mg/l	0.3	UKAS	SX	38
Potassium	2.13	mg/l	0.1	UKAS	SX	38

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### **Analytical Report**

Final Report

Report ID - 20082763 - 1



Reported on: 28-Aug-2015

Batch description: Aqueous samples for analysis

Client:	Vitacress Salads Ltd.		Project:	Freshwater analys	sis		
Folder No: Comments:	003239538 Abbotts Ann In	Quote Description:	Freshwater analysis Sampled on:	19-Aug-15 @ 06:0	00		
Quote No:	7163		Matrix:	Freshwater			
<u>Analyte</u> Nitrate as N		<u>Result</u> 7.96	<u>Units</u> mg/l	Flag <u>MRV</u>	<u>Accred</u> None	<u>Lab ID_Tes</u> NLS	<u>stcode</u> 864
Orthophosphat	te, Filtered as P	0.0120	•	0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	<0.030	)0 mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0056	60 mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	7.97	mg/l	0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	<0.010	)0 mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	)0 mg/l	0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		1.67	mg/l	0.3	UKAS	SX	38
Potassium		0.898	mg/l	0.1	UKAS	SX	38

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### **Analytical Report**

Final Report

Report ID - 20082763 - 1

Batch description: Aqueous samples for analysis





Reported on: 28-Aug-2015

Client: Vitac	cress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater ana	lysis		
	239539 otts Ann Out	Quote Description.	Sampled on:	19-Aug-15 @ 0	6:15		
Quote No: 7163	3		Matrix:	Freshwater			
Analyte		<u>Result</u>	<u>Units</u>	Flag <u>MR</u>	<u>/ Accred</u>	<u>Lab ID_Te</u>	<u>stcode</u>
Nitrate as N		8.39	mg/l		None	NLS	864
Orthophosphate, Filter	red as P	0.0130	) mg/l	0.01	UKAS	SX	237
Ammoniacal Nitrogen	as N	<0.030	)0 mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0186	6 mg/l	0.00	4 UKAS	SX	25
Nitrogen : Total Oxidis	sed as N	8.41	mg/l	0.2	UKAS	SX	25
Orthophosphate, react	tive as P	<0.010	00 mg/l	0.01	UKAS	SX	25
Phosphate : Total as F	C	<0.020	00 mg/l	0.02	UKAS	SX	235
Solids, Suspended at	105 C	3.03	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	QB 30	UKAS	SX	38
Magnesium		1.96	mg/l	0.3	UKAS	SX	38
Potassium		0.603	mg/l	0.1	UKAS	SX	38

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### **Analytical Report**

Final Report

Report ID - 20082763 - 1



Batch description: Aqueous samples for analysis

Reported on: 28-Aug-2015

Client:	Vitacress Salads Ltd.		Project:	Freshwater analys	sis		
Folder No:	002220540	Quote Description:	Freshwater analysis	10 Aug 15 @ 064	25		
-	003239540		Sampled on:	19-Aug-15 @ 06:	55		
Comments:	St Marybourne In. B Blo	JCK	Motrix	Freebucter			
Quote No:	7163		Matrix:	Freshwater			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	Flag <u>MRV</u>	<u>Accred</u>	<u>Lab ID_Te</u>	<u>stcode</u>
Nitrate as N		<7.23	mg/l		None	NLS	864
Orthophosphat	e, Filtered as P	0.0200	) mg/l	0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	<0.030	00 mg/l	0.03	UKAS	SX	25
Nitrite as N		< 0.004	400 mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	l Oxidised as N	7.23	mg/l	0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	0.0170	) mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	00 mg/l	0.02	UKAS	SX	235
Solids, Suspen	ided at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		1.52	mg/l	0.3	UKAS	SX	38
Potassium		0.748	mg/l	0.1	UKAS	SX	38

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### **Analytical Report**

Final Report

Report ID - 20082763 - 1



Batch description: Aqueous samples for analysis

Reported on: 28-Aug-2015

Client:	Vitacress Salads Ltd.		Project:	Freshwater analy	sis		
		Quote Description:	Freshwater analysis				
Folder No:	003239541		Sampled on:	19-Aug-15 @ 06:4	40		
Comments:	St Marybourne Out. B E	Block					
Quote No:	7163		Matrix:	Freshwater			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	Flag <u>MRV</u>	<u>Accred</u>	Lab ID_Te	stcode
Nitrate as N		6.31	mg/l		None	NLS	864
Orthophosphate	e, Filtered as P	0.0490	) mg/l	0.01	UKAS	SX	237
Ammoniacal Ni	trogen as N	<0.030	)0 mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0210	) mg/l	0.004	UKAS	SX	25
Nitrogen : Total	Oxidised as N	6.33	mg/l	0.2	UKAS	SX	25
Orthophosphate	e, reactive as P	0.0640	) mg/l	0.01	UKAS	SX	25
Phosphate : To	tal as P	0.180	mg/l	0.02	UKAS	SX	235
Solids, Suspen	ded at 105 C	20.0	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		115	ug/l	30	UKAS	SX	38
Magnesium		1.65	mg/l	0.3	UKAS	SX	38
Potassium		0.751	mg/l	0.1	UKAS	SX	38

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### **Analytical Report**

Final Report

Report ID - 20082763 - 1



Batch description: Aqueous samples for analysis

Reported on: 28-Aug-2015

Client:	Vitacress Salads Ltd.		Project:	Freshwater analys	sis		
		Quote Description:	Freshwater analysis				
Folder No:	003239542		Sampled on:	19-Aug-15 @ 06:4	45		
Comments:	St Marybourne In. D Blo	ock					
Quote No:	7163		Matrix:	Freshwater			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	Flag <u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<6.84	mg/l		None	NLS	864
Orthophosphat	e, Filtered as P	0.0270	) mg/l	0.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	<0.030	00 mg/l	0.03	UKAS	SX	25
Nitrite as N		< 0.004	400 mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	l Oxidised as N	6.84	mg/l	0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	0.0240	) mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0349	9 mg/l	0.02	UKAS	SX	235
Solids, Suspen	ded at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		1.53	mg/l	0.3	UKAS	SX	38
Potassium		0.829	mg/l	0.1	UKAS	SX	38

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### **Analytical Report**

Final Report

Report ID - 20082763 - 1



Batch description: Aqueous samples for analysis

Reported on: 28-Aug-2015

Client:	Vitacress Salads Ltd.		Project:	Freshwater analys	sis		
		Quote Description:	Freshwater analysis				
Folder No:	003239543		Sampled on:	19-Aug-15 @ 06:	50		
Comments:	St Marybourne Out. D E	Block					
Quote No:	7163		Matrix:	Freshwater			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	Flag <u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		5.25	mg/l		None	NLS	864
Orthophosphat	e, Filtered as P	<0.010	00 mg/l	0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	0.0360	) mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0276	6 mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	l Oxidised as N	5.28	mg/l	0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	<0.010	00 mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	00 mg/l	0.02	UKAS	SX	235
Solids, Suspen	ided at 105 C	6.13	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		1.51	mg/l	0.3	UKAS	SX	38
Potassium		0.114	mg/l	0.1	UKAS	SX	38

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### **Analytical Report**

Final Report

Report ID - 20082763 - 1

Batch description: Aqueous samples for analysis





Reported on: 28-Aug-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater analy	sis		
Folder No: Comments:	003239544 St Marybourne River		Sampled on:	19-Aug-15 @ 07:	00		
Quote No:	7163		Matrix:	Freshwater			
Analyte		<u>Result</u>	Units	Flag <u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		6.74	mg/l		None	NLS	864
Orthophospha	te, Filtered as P	0.0300	) mg/l	0.01	UKAS	SX	237
Ammoniacal N	litrogen as N	<0.030	00 mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0066	60 mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	al Oxidised as N	6.75	mg/l	0.2	UKAS	SX	25
Orthophospha	te, reactive as P	0.0260	) mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0328	s mg/l	0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		1.50	mg/l	0.3	UKAS	SX	38
Potassium		0.836	mg/l	0.1	UKAS	SX	38

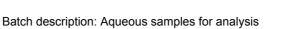
NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20082763 - 1





Reported on: 28-Aug-2015

Client: Vitacress Salads Ltd.	Quote Description:	Project:	Freshwater analys	sis		
Folder No: 003239545 Comments: Pinglestone In	Quote Description.	Freshwater analysis Sampled on:	19-Aug-15 @ 07::	35		
Quote No: 7163		Matrix:	Freshwater			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	Flag <u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N	<7.44	mg/l		None	NLS	864
Orthophosphate, Filtered as P	0.0240	mg/l	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	0 mg/l	0.03	UKAS	SX	25
Nitrite as N	<0.004	.00 mg/l	0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	7.44	mg/l	0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0210	mg/l	0.01	UKAS	SX	25
Phosphate : Total as P	0.0247	mg/l	0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc	<5	ug/l	5	UKAS	SX	34
Iron	<30	ug/l	30	UKAS	SX	38
Magnesium	1.85	mg/l	0.3	UKAS	SX	38
Potassium	0.911	mg/l	0.1	UKAS	SX	38

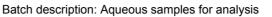
NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20082763 - 1





Reported on: 28-Aug-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater analy	sis		
Folder No: Comments:	003239546 Pinglestone Out		Sampled on:	19-Aug-15 @ 07:	45		
Quote No:	7163		Matrix:	Freshwater			
Analyte		<u>Result</u>	Units	Flag <u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		6.44	mg/l		None	NLS	864
Orthophospha	te, Filtered as P	0.0190	mg/l	0.01	UKAS	SX	237
Ammoniacal N	litrogen as N	0.0520	mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0386	mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	al Oxidised as N	6.48	mg/l	0.2	UKAS	SX	25
Orthophospha	te, reactive as P	0.0170	mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0252	: mg/l	0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		1.86	mg/l	0.3	UKAS	SX	38
Potassium		0.595	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



**Analytical Report** 

Final Report

Report ID - 20082763 - 1



Batch description: Aqueous samples for analysis

Reported on: 28-Aug-2015

#### Method Description Summary for all samples in batch Number 20082763

- 25 SX I Nutrients determined colorimetrically by CF autoanalyser
- 34 SX M ICPMS Routine Metals acid digested; determined by ICPMS
- 38 SX M ICPOES Routine Metals acid digested; determined by ICPOES
- 235 SX I Phosphate (total) digested; determined colorimetrically by autoanalyser
- 237 SX I Saline Nutrients determined colorimetrically by discrete analyser
- 864 Parameter by calculation
- 869 SX I Suspended Solids filtered; determined by gravimetry

James Trout Laboratory Site Manager

All reporting limits quoted are those achievable for clean samples of the relevant matrix. No allowance is made for instances when dilutions are necessary owing to the nature of the sample or insufficient volume of the sample being available. In these cases higher reporting limits may be quoted and will be above the MRV.

Solid sample results are determined on a "dried" sample fraction except for parameters where the method description identifies that "as received" sample was used.

Key to Results Flags:

QB QC flag. Reported result not affected

The analysis start date specified is the date of the first test, dates for other analysis are available on request.

Please note all samples will be retained for 10 working days for aqueous samples and 30 working days for solid samples after reporting unless otherwise agreed with Customer Services

Key to Accreditation: UKAS = Methodology accredited to ISO/IEC 17025:2005, MCertS = Methodology accredited to MCertS Performance Standard for testing of soils, none = Methodology not accredited

Key to Lab ID: LE = Leeds, NM = Nottingham, SX = Starcross, SC = Sub-Contracted outside NLS, FI = Field Data - outside NLS, NLS = Calculated Any subsequent version of this report denoted with a higher version number will supersede this and any previous versions

#### END OF TEST REPORT

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



#### **Analytical Report**

Final Report

Report ID - 20084878 - 1

Batch description: Aqueous samples for analysis



Reported on: 28-Oct-2015

Doreen Hall Vitacress Salads Ltd. Manor Farm Southbrook Bereregis Dorset BH20 7LH

Dear Doreen

Please find attached the results for the batch of 17 samples described below.

Samples Registered on:	15-Oct-2015
Analysis Started on:	15-Oct-2015
Analysis Completed on:	28-Oct-2015
Results for Batch Number	20084878
Your Purchase Order Number:	B10027616
You will be invoiced shortly by our accounts department.	

If we can be of further assistance then please do not hesitate to contact us.

Yours sincerely

Vici Morgan Customer Services Team Leader Tel: (0113) 231 2177 nls@environment-agency.gov.uk

Opinions and interpretations expressed herein are outside the scope of UKAS Accreditation. Details of analytical procedures and performance data are available on request. The date of sample analysis is available on request.

The Environment Agency carries out analytical work to high standards and within the scope of its UKAS accreditation, but has no knowledge of whether the circumstances or the validity of the procedures used to obtain the samples provided to the laboratory were representative of the need for which the information was required.

The Environment Agency and/or its staff does not therefore accept any liability for the consequences of any acts or omissions made on the basis of the analysis or advice or interpretation provided.

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20084878 - 1

Batch description: Aqueous samples for analysis



Reported on: 28-Oct-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Pr Freshwater ana	oject: alvsis	Freshwate	er analys	sis		
Folder No: Comments:	003239564 Spetisbury in		Sample	5	14-Oct-15	@ 07:3	0		
Quote No:	7163		N	latrix:	Freshwate	er			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	1	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<9.80	mg/l				None	NLS	864
Orthophosphat	te, Filtered as P	<0.010	00 mg/l			0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	0.0300	) mg/l			0.03	UKAS	SX	25
Nitrite as N		< 0.004	100 mg/l			0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	9.80	mg/l			0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0140	) mg/l			0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	00 mg/l			0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	<3	mg/l			3	UKAS	SX	869
Zinc		<5	ug/l			5	UKAS	SX	34
Iron		<30	ug/l			30	UKAS	SX	38
Magnesium		2.13	mg/l			0.3	UKAS	SX	38
Potassium		1.62	mg/l			0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20084878 - 1

Batch description: Aqueous samples for analysis



Reported on: 28-Oct-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater analys	sis		
Folder No: Comments:	003239565 Spetisbury out	F	Sampled on:	14-Oct-15 @ 07:3	5		
Quote No:	7163		Matrix:	Freshwater			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u>Flag MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		8.54	mg/l		None	NLS	864
Orthophospha	te, Filtered as P	<0.010	00 mg/l	0.01	UKAS	SX	237
Ammoniacal N	litrogen as N	0.0300	0 mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0150	0 mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	al Oxidised as N	8.55	mg/l	0.2	UKAS	SX	25
Orthophospha	te, reactive as P	<0.010	00 mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	00 mg/l	0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	3.75	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		2.06	mg/l	0.3	UKAS	SX	38
Potassium		0.597	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20084878 - 1

Batch description: Aqueous samples for analysis



Reported on: 28-Oct-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater analy	sis		
Folder No: Comments:	003239566 Hollybush in		Sampled on:	14-Oct-15 @ 07:	55		
Quote No:	7163		Matrix:	Freshwater			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	Flag <u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<13.2	mg/l		None	NLS	864
Orthophosphat	te, Filtered as P	0.0110	) mg/l	0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	0.0300	) mg/l	0.03	UKAS	SX	25
Nitrite as N		<0.004	100 mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	13.2	mg/l	0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0170	) mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	00 mg/l	0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		2.95	mg/l	0.3	UKAS	SX	38
Potassium		0.784	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20084878 - 1

Batch description: Aqueous samples for analysis



Reported on: 28-Oct-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater analy	sis		
Folder No: Comments:	003239567 Hollybush out		Sampled on:	14-Oct-15 @ 08:0	)5		
Quote No:	7163		Matrix:	Freshwater			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u>Flag</u> <u>MRV</u>	<u>Accred</u>	Lab ID_Tes	<u>stcode</u>
Nitrate as N		12.6	mg/l		None	NLS	864
Orthophosphat	te, Filtered as P	<0.010	00 mg/l	0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	0.0830	) mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0291	1 mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	12.6	mg/l	0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	<0.010	00 mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0299	9 mg/l	0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	4.70	mg/l	3	UKAS	SX	869
Zinc		5.99	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		2.34	mg/l	0.3	UKAS	SX	38
Potassium		3.08	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20084878 - 1

Batch description: Aqueous samples for analysis



Reported on: 28-Oct-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project Freshwater analysis		iter analys	is		
Folder No: Comments:	003239568 Doddings in	·	Sampled or	i: 14-Oct-1	5 @ 08:1	5		
Quote No:	7163		Matrix	: Freshwa	iter			
Analyte		<u>Result</u>	Units	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<7.67	mg/l			None	NLS	864
Orthophospha	te, Filtered as P	<0.010	00 mg/l		0.01	UKAS	SX	237
Ammoniacal N	litrogen as N	0.0300	0 mg/l		0.03	UKAS	SX	25
Nitrite as N		< 0.004	400 mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	al Oxidised as N	7.67	mg/l		0.2	UKAS	SX	25
Orthophospha	te, reactive as P	<0.010	00 mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	00 mg/l		0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	3.15	mg/l		3	UKAS	SX	869
Zinc		<5	ug/l		5	UKAS	SX	34
Iron		<30	ug/l		30	UKAS	SX	38
Magnesium		2.39	mg/l		0.3	UKAS	SX	38
Potassium		1.24	mg/l		0.1	UKAS	SX	38

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### **Analytical Report**

Final Report

Report ID - 20084878 - 1

Batch description: Aqueous samples for analysis



Reported on: 28-Oct-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater analys	sis		
Folder No: Comments:	003239569 Doddings out	F	Sampled on:	14-Oct-15 @ 08:2	25		
Quote No:	7163		Matrix:	Freshwater			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u>Flag</u> <u>MRV</u>	<u>Accred</u>	Lab ID_Tes	<u>stcode</u>
Nitrate as N		10.1	mg/l		None	NLS	864
Orthophosphat	te, Filtered as P	<0.010	00 mg/l	0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	0.0300	0 mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0503	3 mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	10.2	mg/l	0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	<0.010	00 mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	00 mg/l	0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	3.45	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		2.48	mg/l	0.3	UKAS	SX	38
Potassium		1.89	mg/l	0.1	UKAS	SX	38

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### **Analytical Report**

Final Report

Report ID - 20084878 - 1

Batch description: Aqueous samples for analysis



Reported on: 28-Oct-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater analys	sis		
Folder No: Comments:	003239570 Manor out		Sampled on:	14-Oct-15 @ 08:3	5		
Quote No:	7163		Matrix:	Freshwater			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u>Flag MRV</u>	<u>Accred</u>	Lab ID_Tes	<u>stcode</u>
Nitrate as N		6.89	mg/l		None	NLS	864
Orthophosphat	te, Filtered as P	<0.010	00 mg/l	0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	0.0300	0 mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0137	7 mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	6.90	mg/l	0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	<0.010	00 mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	00 mg/l	0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	3.60	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		2.31	mg/l	0.3	UKAS	SX	38
Potassium		0.374	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20084878 - 1

Batch description: Aqueous samples for analysis



Reported on: 28-Oct-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Freshv	Project: vater analysis	Freshwate	er analys	sis		
Folder No: Comments:	003239571 Manor in			Sampled on:	14-Oct-15	@ 08:5	0		
Quote No:	7163			Matrix:	Freshwate	er			
<u>Analyte</u>		<u>Result</u>		<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	<u>stcode</u>
Nitrate as N		NoRe	sult	mg/l				NLS	864
Orthophosphat	te, Filtered as P	<0.01	00	mg/l		0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	NoRe	sult	mg/l				SX	25
Nitrite as N		NoRe	sult	mg/l				SX	25
Nitrogen : Tota	I Oxidised as N	NoRe	sult	mg/l				SX	25
Orthophosphat	te, reactive as P	NoRe	sult	mg/l				SX	25
Phosphate : To	otal as P	NoRe	sult	mg/l				SX	235
Solids, Susper	nded at 105 C	NoRe	sult	mg/l				SX	869
Zinc		<5		ug/l		5	UKAS	SX	34
Iron		<30		ug/l		30	UKAS	SX	38
Magnesium		2.52		mg/l		0.3	UKAS	SX	38
Potassium		2.13		mg/l		0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20084878 - 1

Batch description: Aqueous samples for analysis



Reported on: 28-Oct-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater analy	sis		
Folder No: Comments:	003239572 Abbotts Ann in		Sampled on:	14-Oct-15 @ 06::	30		
Quote No:	7163		Matrix:	Freshwater			
Analyte		<u>Result</u>	<u>Units</u>	<u>Flag</u> <u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<8.45	mg/l		None	NLS	864
Orthophosphat	te, Filtered as P	<0.010	00 mg/l	0.01	UKAS	SX	237
Ammoniacal N	litrogen as N	0.0300	) mg/l	0.03	UKAS	SX	25
Nitrite as N		< 0.004	400 mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	al Oxidised as N	8.45	mg/l	0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0110	) mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	00 mg/l	0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		1.64	mg/l	0.3	UKAS	SX	38
Potassium		0.845	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20084878 - 1

Batch description: Aqueous samples for analysis



Reported on: 28-Oct-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater analy	sis		
Folder No: Comments:	003239573 Abbotts Ann out		Sampled on:	14-Oct-15 @ 06:4	40		
Quote No:	7163		Matrix:	Freshwater			
<u>Analyte</u>		<u>Result</u>		Flag <u>MRV</u>	<u>Accred</u>	Lab ID_Tes	
Nitrate as N		7.56	mg/l		None	NLS	864
Orthophospha	te, Filtered as P	0.0340	mg/l	0.01	UKAS	SX	237
Ammoniacal N	litrogen as N	0.0300	mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0457	mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	al Oxidised as N	7.61	mg/l	0.2	UKAS	SX	25
Orthophospha	te, reactive as P	0.0350	mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0561	mg/l	0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		1.77	mg/l	0.3	UKAS	SX	38
Potassium		0.642	mg/l	0.1	UKAS	SX	38

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### **Analytical Report**

Final Report

Report ID - 20084878 - 1

Batch description: Aqueous samples for analysis



Reported on: 28-Oct-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater analy	sis		
Folder No: Comments:	003239574 St Marybourne in. B blo	·	Sampled on:	14-Oct-15 @ 06:5	55		
Quote No:	7163	-	Matrix:	Freshwater			
Analyte		<u>Result</u>	<u>Units</u>	<u>Flag</u> <u>MRV</u>	<u>Accred</u>	Lab ID_Tes	<u>stcode</u>
Nitrate as N		<6.92	mg/l		None	NLS	864
Orthophosphat	e, Filtered as P	0.0130	) mg/l	0.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	0.0300	) mg/l	0.03	UKAS	SX	25
Nitrite as N		<0.004	100 mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	l Oxidised as N	6.92	mg/l	0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	0.0210	) mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0216	ତ mg/l	0.02	UKAS	SX	235
Solids, Suspen	ided at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		1.49	mg/l	0.3	UKAS	SX	38
Potassium		0.820	mg/l	0.1	UKAS	SX	38

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### **Analytical Report**

Final Report

Report ID - 20084878 - 1

Batch description: Aqueous samples for analysis



Reported on: 28-Oct-2015

Client:	Vitacress Salads Ltd.	Quata Description:	Project:	Freshwater analys	sis		
Folder No:	003239575	Quote Description:	Freshwater analysis Sampled on:	14-Oct-15 @ 07:0	0		
Comments:	St Marybourne out. B b	lock					
Quote No:	7163		Matrix:	Freshwater			
<u>Analyte</u>		<u>Result</u>	Units	Flag <u>MRV</u>	<u>Accred</u>	Lab ID_Tes	<u>stcode</u>
Nitrate as N		6.28	mg/l		None	NLS	864
Orthophosphat	e, Filtered as P	0.0430	mg/l	0.01	UKAS	SX	237
Ammoniacal Ni	trogen as N	0.0300	mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0167	mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	l Oxidised as N	6.30	mg/l	0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	0.0480	mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0589	mg/l	0.02	UKAS	SX	235
Solids, Suspen	ded at 105 C	4.00	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		1.55	mg/l	0.3	UKAS	SX	38
Potassium		0.878	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20084878 - 1

Batch description: Aqueous samples for analysis



Reported on: 28-Oct-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater analy	sis		
Folder No: Comments:	003239576 St Marybourne in. D blo	·	Sampled on:	14-Oct-15 @ 07:1	0		
Quote No:	7163		Matrix:	Freshwater			
Analyte		<u>Result</u>	<u>Units</u>	<u>Flag</u> <u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<7.03	mg/l		None	NLS	864
Orthophosphat	e, Filtered as P	0.0250	) mg/l	0.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	0.0300	) mg/l	0.03	UKAS	SX	25
Nitrite as N		<0.004	100 mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	7.03	mg/l	0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	0.0300	) mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0316	6 mg/l	0.02	UKAS	SX	235
Solids, Suspen	ded at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		1.49	mg/l	0.3	UKAS	SX	38
Potassium		0.885	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20084878 - 1

Batch description: Aqueous samples for analysis



Reported on: 28-Oct-2015

Client:	Vitacress Salads Ltd.	Quete Description	Project:	Freshwater analys	sis		
Folder No:	003239577	Quote Description:	Freshwater analysis Sampled on:	14-Oct-15 @ 07:2	0		
Comments:	St Marybourne out. D b	lock	Gampied on.	14-001-10 @ 01.2	.0		
Quote No:	7163		Matrix:	Freshwater			
Analyte		<u>Result</u>	Units	Flag <u>MRV</u>	<u>Accred</u>	<u>Lab ID_Te</u>	stcode
Nitrate as N		5.77	mg/l		None	NLS	864
Orthophosphat	e, Filtered as P	0.0260	mg/l	0.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	0.0300	mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0215	mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	l Oxidised as N	5.79	mg/l	0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	0.0330	mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0504	mg/l	0.02	UKAS	SX	235
Solids, Suspen	ded at 105 C	4.35	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		1.48	mg/l	0.3	UKAS	SX	38
Potassium		0.679	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20084878 - 1

Batch description: Aqueous samples for analysis



Reported on: 28-Oct-2015

Client: Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater analys	sis		
Folder No: 003239578 Comments: St Marybourne river		Sampled on:	14-Oct-15 @ 07:3	0		
Quote No: 7163		Matrix:	Freshwater			
Analyte	<u>Result</u>	<u>Units</u>	<u>Flag MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N	6.43	mg/l		None	NLS	864
Orthophosphate, Filtered as P	<0.010	)0 mg/l	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.0300	) mg/l	0.03	UKAS	SX	25
Nitrite as N	0.0125	5 mg/l	0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.44	mg/l	0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0230	) mg/l	0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	00 mg/l	0.02	UKAS	SX	235
Solids, Suspended at 105 C	3.35	mg/l	3	UKAS	SX	869
Zinc	<5	ug/l	5	UKAS	SX	34
Iron	<30	ug/l	30	UKAS	SX	38
Magnesium	1.47	mg/l	0.3	UKAS	SX	38
Potassium	0.753	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20084878 - 1

Batch description: Aqueous samples for analysis



Reported on: 28-Oct-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater analys	sis		
Folder No: Comments:	003239579 Pinglestone in		Sampled on:	14-Oct-15 @ 08:0	0		
Quote No:	7163		Matrix:	Freshwater			
Analyte		<u>Result</u>	Units	<u>Flag MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<7.60	mg/l		None	NLS	864
Orthophospha	te, Filtered as P	0.0180	mg/l	0.01	UKAS	SX	237
Ammoniacal N	litrogen as N	0.0300	mg/l	0.03	UKAS	SX	25
Nitrite as N		<0.004	00 mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	al Oxidised as N	7.60	mg/l	0.2	UKAS	SX	25
Orthophospha	te, reactive as P	0.0260	mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0284	mg/l	0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	3.10	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		317	ug/l	30	UKAS	SX	38
Magnesium		1.86	mg/l	0.3	UKAS	SX	38
Potassium		0.986	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20084878 - 1

Batch description: Aqueous samples for analysis



Reported on: 28-Oct-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater analy	sis		
Folder No: Comments:	003239580 Pinglestone out		Sampled on:	14-Oct-15 @ 08: <sup>-</sup>	10		
Quote No:	7163		Matrix:	Freshwater			
Analyte		<u>Result</u>	Units	Flag <u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		6.61	mg/l		None	NLS	864
Orthophosphat	te, Filtered as P	0.0170	mg/l	0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	0.0430	mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0323	mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	6.64	mg/l	0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0210	mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0321	mg/l	0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	4.45	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		1.85	mg/l	0.3	UKAS	SX	38
Potassium		0.803	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



#### **Analytical Report**

Final Report

Report ID - 20084878 - 1



Batch description: Aqueous samples for analysis

Reported on: 28-Oct-2015

#### Method Description Summary for all samples in batch Number 20084878

- 25 SX I Nutrients determined colorimetrically by CF autoanalyser
- 34 SX M ICPMS Routine Metals acid digested; determined by ICPMS
- 38 SX M ICPOES Routine Metals acid digested; determined by ICPOES 235 SX I Phosphate - (total) - digested; determined colorimetrically by autoanal
- SX I Phosphate (total) digested; determined colorimetrically by autoanalyser
  SX I Saline Nutrients determined colorimetrically by discrete analyser
- 864 Parameter by calculation
- 869 SX I Suspended Solids filtered; determined by gravimetry

James Trout Laboratory Site Manager

All reporting limits quoted are those achievable for clean samples of the relevant matrix. No allowance is made for instances when dilutions are necessary owing to the nature of the sample or insufficient volume of the sample being available. In these cases higher reporting limits may be quoted and will be above the MRV.

Solid sample results are determined on a "dried" sample fraction except for parameters where the method description identifies that "as received" sample was used.

Key to Results Flags:

D5 Sample has been provided in a condition unsuitable for analysis. It is possible results may be compromised

The analysis start date specified is the date of the first test, dates for other analysis are available on request.

Please note all samples will be retained for 10 working days for aqueous samples and 30 working days for solid samples after reporting unless otherwise agreed with Customer Services

Key to Accreditation: UKAS = Methodology accredited to ISO/IEC 17025:2005, MCertS = Methodology accredited to MCertS Performance Standard for testing of soils, none = Methodology not accredited

Key to Lab ID: LE = Leeds, NM = Nottingham, SX = Starcross, SC = Sub-Contracted outside NLS, FI = Field Data - outside NLS, NLS = Calculated Any subsequent version of this report denoted with a higher version number will supersede this and any previous versions

#### END OF TEST REPORT

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



#### **Analytical Report**

Final Report

Report ID - 20086307 - 1

Batch description: Aqueous samples for analysis



Reported on: 01-Dec-2015

Doreen Hall Vitacress Salads Ltd. Manor Farm Southbrook Bereregis Dorset BH20 7LH

Dear Doreen

Please find attached the results for the batch of 16 samples described below.

Samples Registered on:	19-Nov-2015
Analysis Started on:	19-Nov-2015
Analysis Completed on:	01-Dec-2015
Results for Batch Number	20086307
Your Purchase Order Number:	B10029212
You will be invoiced shortly by our accounts department.	

If we can be of further assistance then please do not hesitate to contact us.

Yours sincerely

Vici Morgan Customer Services Team Leader Tel: (0113) 231 2177 nls@environment-agency.gov.uk

Opinions and interpretations expressed herein are outside the scope of UKAS Accreditation. Details of analytical procedures and performance data are available on request. The date of sample analysis is available on request.

The Environment Agency carries out analytical work to high standards and within the scope of its UKAS accreditation, but has no knowledge of whether the circumstances or the validity of the procedures used to obtain the samples provided to the laboratory were representative of the need for which the information was required.

The Environment Agency and/or its staff does not therefore accept any liability for the consequences of any acts or omissions made on the basis of the analysis or advice or interpretation provided.

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20086307 - 1

Batch description: Aqueous samples for analysis



Reported on: 01-Dec-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater analys	sis		
Folder No: Comments:	003239581 Spetisbury In		Sampled on:	18-Nov-15 @ 07:0	00		
Quote No:	7163		Matrix:	Freshwater			
Analyte		<u>Result</u>	<u>Units</u>	Flag <u>MRV</u>	<u>Accred</u>	<u>Lab ID_Tes</u>	stcode
Nitrate as N		<9.51	mg/l		None	NLS	864
Orthophosphat	te, Filtered as P	0.0140	) mg/l	0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	0.0300	) mg/l	0.03	UKAS	SX	25
Nitrite as N		<0.004	100 mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	9.51	mg/l	0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0130	) mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	00 mg/l	0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		2.30	mg/l	0.3	UKAS	SX	38
Potassium		1.50	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20086307 - 1

Batch description: Aqueous samples for analysis



Reported on: 01-Dec-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater an	alysis		
Folder No:	003239582		Sampled on:	18-Nov-15 @ (	07:10		
Comments:	Spetisbury Out						
Quote No:	7163		Matrix:	Freshwater			
<u>Analyte</u>		<u>Result</u>	Units	Flag <u>MF</u>	<u>Accred</u>	Lab ID_Te:	<u>stcode</u>
Nitrate as N		9.88	mg/l		None	NLS	864
Orthophosphat	e, Filtered as P	0.0350	mg/l	0.0	1 UKAS	SX	237
Ammoniacal Ni	itrogen as N	0.0390	mg/l	0.0	3 UKAS	SX	25
Nitrite as N		0.0346	mg/l	0.0	04 UKAS	SX	25
Nitrogen : Tota	l Oxidised as N	9.91	mg/l	0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	0.0300	mg/l	0.0	1 UKAS	SX	25
Phosphate : To	otal as P	0.0368	mg/l	0.0	2 UKAS	SX	235
Solids, Suspen	ded at 105 C	3.28	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		2.39	mg/l	0.3	UKAS	SX	38
Potassium		2.33	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20086307 - 1

Batch description: Aqueous samples for analysis



Reported on: 01-Dec-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater a	analys	is		
Folder No: Comments:	003239583 Manor In		Sampled on:	18-Nov-15 @	07:3	0		
Quote No:	7163		Matrix:	Freshwater				
<u>Analyte</u> Nitrate as N		<u>Result</u> <11.3	<u>Units</u> mg/l	<u>Flag</u> <u>l</u>	<u>MRV</u>	<u>Accred</u> None	<u>Lab ID_Tes</u> NLS	<u>stcode</u> 864
Orthophosphat	te, Filtered as P	0.0150	) mg/l	(	0.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	0.0300	) mg/l	(	0.03	UKAS	SX	25
Nitrite as N		<0.004	100 mg/l	(	0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	11.3	mg/l	(	0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0110	) mg/l	(	0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	)0 mg/l	(	0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/l	;	3	UKAS	SX	869
Zinc		<5	ug/l	4	5	UKAS	SX	34
Iron		<30	ug/l	;	30	UKAS	SX	38
Magnesium		2.64	mg/l	(	0.3	UKAS	SX	38
Potassium		2.06	mg/l	(	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20086307 - 1

Batch description: Aqueous samples for analysis



Reported on: 01-Dec-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater analy	sis		
Folder No: Comments:	003239584 Manor Out		Sampled on:	18-Nov-15 @ 07:	40		
Quote No:	7163		Matrix:	Freshwater			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	Flag <u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		9.01	mg/l		None	NLS	864
Orthophosphat	e, Filtered as P	0.0140	mg/l	0.01	UKAS	SX	237
Ammoniacal Ni	trogen as N	0.0300	mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0383	mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	l Oxidised as N	9.05	mg/l	0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	0.0370	mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0529	mg/l	0.02	UKAS	SX	235
Solids, Suspen	ded at 105 C	6.88	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		59.8	ug/l	30	UKAS	SX	38
Magnesium		2.62	mg/l	0.3	UKAS	SX	38
Potassium		1.73	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20086307 - 1

Batch description: Aqueous samples for analysis



Reported on: 01-Dec-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater analy	sis		
Folder No: Comments:	003239585		Sampled on:	18-Nov-15 @ 07:	55		
Quote No:	Holybush In 7163		Matrix:	Freshwater			
Analyte		<u>Result</u>	<u>Units</u>	Flag <u>MRV</u>	Accred	Lab ID_Tes	stcode
Nitrate as N		<9.16	mg/l		None	NLS	864
Orthophosphat	e, Filtered as P	0.0350	) mg/l	DC 0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	0.0300	) mg/l	0.03	UKAS	SX	25
Nitrite as N		<0.004	400 mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	l Oxidised as N	9.16	mg/l	0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	0.0130	) mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	00 mg/l	0.02	UKAS	SX	235
Solids, Suspen	ided at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		2.32	mg/l	0.3	UKAS	SX	38
Potassium		1.71	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20086307 - 1

Batch description: Aqueous samples for analysis



Reported on: 01-Dec-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater ana	lysis		
Folder No: Comments:	003239586 Holybush Out		Sampled on:	18-Nov-15 @ 0	8:00		
Quote No:	7163		Matrix:	Freshwater			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	Flag <u>MR</u>	<u>/ Accred</u>	Lab ID_Te	<u>stcode</u>
Nitrate as N		9.58	mg/l		None	NLS	864
Orthophosphat	e, Filtered as P	0.0290	mg/l	0.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	0.0410	mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0506	mg/l	0.00	4 UKAS	SX	25
Nitrogen : Tota	l Oxidised as N	9.63	mg/l	0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	0.0420	mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0482	mg/l	0.02	UKAS	SX	235
Solids, Suspen	ided at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		2.36	mg/l	0.3	UKAS	SX	38
Potassium		2.27	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20086307 - 1

Batch description: Aqueous samples for analysis



Reported on: 01-Dec-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Freshwate	Project: analysis	Freshwate	r analys	sis		
Folder No: Comments:	003239587 Doddings In	·	Sa	mpled on:	18-Nov-15	@ 08:2	20		
Quote No:	7163			Matrix:	Freshwate	r			
<u>Analyte</u> Nitrate as N		<u>Result</u> <9.01	<u>L</u> mg/		<u>Flag</u>	<u>MRV</u>	<u>Accred</u> None	<u>Lab ID_Te</u> s NLS	<u>stcode</u> 864
Orthophosphat	te, Filtered as P	<0.010	)0 mg/	I		0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	0.0300	) mg/	I		0.03	UKAS	SX	25
Nitrite as N		<0.004	100 mg/	I		0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	9.01	mg/	I		0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	<0.010	)0 mg/	I		0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	)0 mg/	I		0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/	I		3	UKAS	SX	869
Zinc		<5	ug/l			5	UKAS	SX	34
Iron		<30	ug/l			30	UKAS	SX	38
Magnesium		2.70	mg/	I		0.3	UKAS	SX	38
Potassium		1.12	mg/	I		0.1	UKAS	SX	38

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### **Analytical Report**

Final Report

Report ID - 20086307 - 1

Batch description: Aqueous samples for analysis



Reported on: 01-Dec-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater analys	sis		
Folder No: Comments:	003239588 Doddings Out		Sampled on:	18-Nov-15 @ 08:3	30		
Quote No:	7163		Matrix:	Freshwater			
Analyte		<u>Result</u>	<u>Units</u>	Flag <u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		7.86	mg/l		None	NLS	864
Orthophospha	te, Filtered as P	0.0730	mg/l	0.01	UKAS	SX	237
Ammoniacal N	litrogen as N	0.0320	mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0424	mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	al Oxidised as N	7.90	mg/l	0.2	UKAS	SX	25
Orthophospha	te, reactive as P	0.0670	mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.175	mg/l	0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	3.78	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		2.69	mg/l	0.3	UKAS	SX	38
Potassium		1.77	mg/l	0.1	UKAS	SX	38

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### **Analytical Report**

Final Report

Report ID - 20086307 - 1

Batch description: Aqueous samples for analysis



Reported on: 01-Dec-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater analys	sis		
Folder No: Comments:	003239589 Abbotts Ann In	p	Sampled on:	18-Nov-15 @ 07: <sup>-</sup>	15		
Quote No:	7163		Matrix:	Freshwater			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u>Flag MRV</u>	<u>Accred</u>	Lab ID_Tes	<u>stcode</u>
Nitrate as N		<9.25	mg/l		None	NLS	864
Orthophospha	te, Filtered as P	0.0120	) mg/l	0.01	UKAS	SX	237
Ammoniacal N	litrogen as N	0.0300	) mg/l	0.03	UKAS	SX	25
Nitrite as N		<0.004	100 mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	al Oxidised as N	9.25	mg/l	0.2	UKAS	SX	25
Orthophospha	te, reactive as P	0.0120	) mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	00 mg/l	0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		1.85	mg/l	0.3	UKAS	SX	38
Potassium		0.890	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20086307 - 1

Batch description: Aqueous samples for analysis



Reported on: 01-Dec-2015

Client: V	/itacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater analy	/sis		
Folder No: 0	03239590		Sampled on:	18-Nov-15 @ 07	:20		
Comments: A	Abbotts Ann Out						
Quote No:	7163		Matrix:	Freshwater			
<u>Analyte</u>		<u>Result</u>	Units	Flag <u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		8.32	mg/l		None	NLS	864
Orthophosphate, I	Filtered as P	0.107	mg/l	0.01	UKAS	SX	237
Ammoniacal Nitro	ogen as N	0.0650	) mg/l	0.03	UKAS	SX	25
Nitrite as N		0.155	mg/l	0.004	UKAS	SX	25
Nitrogen : Total O	xidised as N	8.47	mg/l	0.2	UKAS	SX	25
Orthophosphate, i	reactive as P	0.108	mg/l	0.01	UKAS	SX	25
Phosphate : Total	l as P	0.121	mg/l	0.02	UKAS	SX	235
Solids, Suspende	d at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		1.86	mg/l	0.3	UKAS	SX	38
Potassium		1.89	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20086307 - 1

Batch description: Aqueous samples for analysis



Reported on: 01-Dec-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater analys	sis		
Folder No: Comments:	003239591 St Marybourne B In		Sampled on:	18-Nov-15 @ 07:3	35		
Quote No:	7163		Matrix:	Freshwater			
Analyte		<u>Result</u>	<u>Units</u>	<u>Flag MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<6.91	mg/l		None	NLS	864
Orthophosphat	te, Filtered as P	0.0290	) mg/l	0.01	UKAS	SX	237
Ammoniacal N	litrogen as N	0.0300	) mg/l	0.03	UKAS	SX	25
Nitrite as N		<0.004	400 mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	al Oxidised as N	6.91	mg/l	0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0270	) mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0328	3 mg/l	0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	3.13	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		1.64	mg/l	0.3	UKAS	SX	38
Potassium		0.928	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20086307 - 1

Batch description: Aqueous samples for analysis



Reported on: 01-Dec-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater analy	sis		
Folder No: Comments:	003239592 St Marybourne B Out		Sampled on:	18-Nov-15 @ 07:	45		
Quote No:	7163		Matrix:	Freshwater			
<u>Analyte</u> Nitrate as N		<u>Result</u>		Flag <u>MRV</u>	<u>Accred</u> None	<u>Lab ID_Tes</u> NLS	<u>stcode</u> 864
	e, Filtered as P	6.98 0.0810	mg/l mg/l	0.01	UKAS	SX	237
Ammoniacal Ni		0.0300	5	0.03	UKAS	SX	25
Nitrite as N	0	0.0201	8	0.004	UKAS	SX	25
Nitrogen : Tota	l Oxidised as N	7.00	mg/l	0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	0.0810	mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.151	mg/l	0.02	UKAS	SX	235
Solids, Suspen	ided at 105 C	19.7	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		1.67	mg/l	0.3	UKAS	SX	38
Potassium		1.09	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20086307 - 1

Batch description: Aqueous samples for analysis



Reported on: 01-Dec-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater analy	sis		
Folder No: Comments:	003368629 St Marybourne D In		Sampled on:	18-Nov-15 @ 07:	50		
Quote No:	7163		Matrix:	Freshwater			
Analyte		<u>Result</u>	<u>Units</u>	<u>Flag MRV</u>	<u>Accred</u>	Lab ID_Te:	stcode
Nitrate as N		<6.72	mg/l		None	NLS	864
Orthophosphat	te, Filtered as P	0.0240	) mg/l	0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	0.0300	) mg/l	0.03	UKAS	SX	25
Nitrite as N		<0.004	100 mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	6.72	mg/l	0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0240	) mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0267	′ mg/l	0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		1.63	mg/l	0.3	UKAS	SX	38
Potassium		0.864	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20086307 - 1

Batch description: Aqueous samples for analysis



Reported on: 01-Dec-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater analy	sis		
Folder No: Comments:	003368630 St Marybourne D Out		Sampled on:	18-Nov-15 @ 08:	00		
Quote No:	7163		Matrix:	Freshwater			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	Flag <u>MRV</u>	<u>Accred</u>	Lab ID_Te:	<u>stcode</u>
Nitrate as N		6.63	mg/l		None	NLS	864
Orthophosphat	e, Filtered as P	0.0580	mg/l	0.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	0.0310	) mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0360	mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	l Oxidised as N	6.67	mg/l	0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	0.0600	) mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.104	mg/l	0.02	UKAS	SX	235
Solids, Suspen	ded at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		1.56	mg/l	0.3	UKAS	SX	38
Potassium		0.977	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20086307 - 1

Batch description: Aqueous samples for analysis



Reported on: 01-Dec-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater analy	sis		
Folder No: Comments:	003368631 Pinglestone In		Sampled on:	18-Nov-15 @ 08:4	40		
Quote No:	7163		Matrix:	Freshwater			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u>Flag MRV</u>	<u>Accred</u>	Lab ID_Tes	<u>stcode</u>
Nitrate as N		<7.25	mg/l		None	NLS	864
Orthophosphat	te, Filtered as P	0.0240	) mg/l	0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	0.0300	) mg/l	0.03	UKAS	SX	25
Nitrite as N		<0.004	400 mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	7.25	mg/l	0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0230	) mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0275	5 mg/l	0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	5.63	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		1.88	mg/l	0.3	UKAS	SX	38
Potassium		0.956	mg/l	0.1	UKAS	SX	38

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### **Analytical Report**

Final Report

Report ID - 20086307 - 1

Batch description: Aqueous samples for analysis



Reported on: 01-Dec-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater anal	ysis		
Folder No: Comments:	003368632 Pinglestone Out		Sampled on:	18-Nov-15 @ 08	3:50		
Quote No:	7163		Matrix:	Freshwater			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	Flag <u>MRV</u>	<u>Accred</u>	Lab ID_Tes	<u>stcode</u>
Nitrate as N		6.95	mg/l		None	NLS	864
Orthophosphat	te, Filtered as P	0.0530	mg/l	0.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	0.0630	mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0385	mg/l	0.004	4 UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	6.99	mg/l	0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0520	mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0616	mg/l	0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		1.94	mg/l	0.3	UKAS	SX	38
Potassium		1.12	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



#### **Analytical Report**

Final Report

Report ID - 20086307 - 1



Batch description: Aqueous samples for analysis

Reported on: 01-Dec-2015

#### Method Description Summary for all samples in batch Number 20086307

- 25 SX I Nutrients determined colorimetrically by CF autoanalyser
- 34 SX M ICPMS Routine Metals acid digested; determined by ICPMS
- 38 SX M ICPOES Routine Metals acid digested; determined by ICPOES 235 SX I Phosphate - (total) - digested; determined colorimetrically by autoanal
- SX I Phosphate (total) digested; determined colorimetrically by autoanalyser
  SX I Saline Nutrients determined colorimetrically by discrete analyser
- 864 Parameter by calculation
- 869 SX I Suspended Solids filtered; determined by gravimetry

James Trout Laboratory Site Manager

All reporting limits quoted are those achievable for clean samples of the relevant matrix. No allowance is made for instances when dilutions are necessary owing to the nature of the sample or insufficient volume of the sample being available. In these cases higher reporting limits may be quoted and will be above the MRV.

Solid sample results are determined on a "dried" sample fraction except for parameters where the method description identifies that "as received" sample was used.

Key to Results Flags:

DC Analysis started outside of specified stability time. It is possible that the results may be compromised.

D1 Sample was received in a container unsuitable for this test. It is possible results may be compromised

The analysis start date specified is the date of the first test, dates for other analysis are available on request.

Please note all samples will be retained for 10 working days for aqueous samples and 30 working days for solid samples after reporting unless otherwise agreed with Customer Services

Key to Accreditation: UKAS = Methodology accredited to ISO/IEC 17025:2005, MCertS = Methodology accredited to MCertS Performance Standard for testing of soils, none = Methodology not accredited

Key to Lab ID: LE = Leeds, NM = Nottingham, SX = Starcross, SC = Sub-Contracted outside NLS, FI = Field Data - outside NLS, NLS = Calculated Any subsequent version of this report denoted with a higher version number will supersede this and any previous versions

END OF TEST REPORT

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



#### **Analytical Report**

Final Report

Report ID - 20087101 - 1

Batch description: Aqueous samples for analysis



Reported on: 17-Dec-2015

Doreen Hall Vitacress Salads Ltd. Manor Farm Southbrook Bereregis Dorset BH20 7LH

Dear Doreen

Please find attached the results for the batch of 16 samples described below.

Samples Registered on:	09-Dec-2015
Analysis Started on:	09-Dec-2015
Analysis Completed on:	17-Dec-2015
Results for Batch Number	20087101
Your Purchase Order Number:	B10029981
You will be invoiced shortly by our accounts department.	

If we can be of further assistance then please do not hesitate to contact us.

Yours sincerely

Vici Morgan Customer Services Team Leader Tel: (0113) 231 2177 nls@environment-agency.gov.uk

Opinions and interpretations expressed herein are outside the scope of UKAS Accreditation. Details of analytical procedures and performance data are available on request. The date of sample analysis is available on request.

The Environment Agency carries out analytical work to high standards and within the scope of its UKAS accreditation, but has no knowledge of whether the circumstances or the validity of the procedures used to obtain the samples provided to the laboratory were representative of the need for which the information was required.

The Environment Agency and/or its staff does not therefore accept any liability for the consequences of any acts or omissions made on the basis of the analysis or advice or interpretation provided.

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20087101 - 1

Batch description: Aqueous samples for analysis



Reported on: 17-Dec-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater ana	Ilysis		
Folder No: Comments:	003368633 Spetisbury In		Sampled on:	8-Dec-15 @ 07	:30		
Quote No:	7163		Matrix:	Freshwater			
Analyte		<u>Result</u>	<u>Units</u>	<u>Flag</u> <u>MR</u>	<u> Accred</u>	Lab ID_Tes	<u>stcode</u>
Nitrate as N		<9.50	mg/l		None	NLS	864
Orthophospha	te, Filtered as P	0.0120	0 mg/l	0.01	UKAS	SX	237
Ammoniacal N	litrogen as N	<0.030	00 mg/l	0.03	UKAS	SX	25
Nitrite as N		< 0.004	400 mg/l	0.00	4 UKAS	SX	25
Nitrogen : Tota	al Oxidised as N	9.50	mg/l	0.2	UKAS	SX	25
Orthophospha	te, reactive as P	0.0140	D mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	00 mg/l	0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		2.14	mg/l	0.3	UKAS	SX	38
Potassium		1.62	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20087101 - 1

Batch description: Aqueous samples for analysis



Reported on: 17-Dec-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater analys	sis		
Folder No: Comments:	003368634 Spetisbury Out		Sampled on:	8-Dec-15 @ 07:3	5		
Quote No:	7163		Matrix:	Freshwater			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u>Flag MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		10.2	mg/l		None	NLS	864
Orthophosphat	te, Filtered as P	0.0470	) mg/l	0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	<0.030	)0 mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0274	1 mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	10.2	mg/l	0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0450	) mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0515	5 mg/l	0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		2.19	mg/l	0.3	UKAS	SX	38
Potassium		2.46	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20087101 - 1

Batch description: Aqueous samples for analysis



Reported on: 17-Dec-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater an	alysis		
Folder No: Comments:	003368635 Hollybush In		Sampled on:	8-Dec-15 @ 0	7:45		
Quote No:	7163		Matrix:	Freshwater			
Analyte		<u>Result</u>	<u>Units</u>	<u>Flag MF</u>	<u>RV</u> <u>Accred</u>	Lab ID_Te:	stcode
Nitrate as N		<9.58	mg/l		None	NLS	864
Orthophosphat	te, Filtered as P	0.0130	) mg/l	0.0	1 UKAS	SX	237
Ammoniacal N	itrogen as N	<0.030	00 mg/l	0.0	3 UKAS	SX	25
Nitrite as N		< 0.004	400 mg/l	0.0	04 UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	9.58	mg/l	0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0140	) mg/l	0.0	1 UKAS	SX	25
Phosphate : To	otal as P	<0.020	00 mg/l	0.0	2 UKAS	SX	235
Solids, Susper	nded at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		2.18	mg/l	0.3	UKAS	SX	38
Potassium		1.62	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20087101 - 1

Batch description: Aqueous samples for analysis



Reported on: 17-Dec-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater analys	sis		
Folder No: Comments:	003368636 Hollybush Out		Sampled on:	8-Dec-15 @ 07:50	)		
Quote No:	7163		Matrix:	Freshwater			
Analyte		<u>Result</u>	<u>Units</u>	<u>Flag MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		10.3	mg/l		None	NLS	864
Orthophosphat	te, Filtered as P	0.0400	) mg/l	0.01	UKAS	SX	237
Ammoniacal N	litrogen as N	<0.030	)0 mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0277	′ mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	al Oxidised as N	10.3	mg/l	0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0390	) mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0462	2 mg/l	0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		2.26	mg/l	0.3	UKAS	SX	38
Potassium		2.90	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20087101 - 1

Batch description: Aqueous samples for analysis



Reported on: 17-Dec-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Pro Freshwater ana	ject: vsis	Freshwate	r analys	is		
Folder No: Comments:	003368637 Doddings In		Sampleo		8-Dec-15 (	@ 08:00	)		
Quote No:	7163		M	atrix:	Freshwate	r			
Analyte		<u>Result</u>	<u>Units</u>	<u> </u>	Flag	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<9.32	mg/l				None	NLS	864
Orthophosphat	te, Filtered as P	<0.010	00 mg/l			0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	<0.030	)0 mg/l			0.03	UKAS	SX	25
Nitrite as N		< 0.004	400 mg/l			0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	9.32	mg/l			0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	<0.010	00 mg/l			0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	00 mg/l			0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	<3	mg/l			3	UKAS	SX	869
Zinc		<5	ug/l			5	UKAS	SX	34
Iron		<30	ug/l			30	UKAS	SX	38
Magnesium		2.57	mg/l			0.3	UKAS	SX	38
Potassium		1.17	mg/l			0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20087101 - 1

Batch description: Aqueous samples for analysis



Reported on: 17-Dec-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater analy	sis		
Folder No: Comments:	003368638 Doddings Out	·	Sampled on:	8-Dec-15 @ 08:0	5		
Quote No:	7163		Matrix:	Freshwater			
Analyte		<u>Result</u>	<u>Units</u>	<u>Flag</u> <u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<9.12	mg/l		None	NLS	864
Orthophospha	te, Filtered as P	0.0110	0 mg/l	0.01	UKAS	SX	237
Ammoniacal N	litrogen as N	<0.030	00 mg/l	0.03	UKAS	SX	25
Nitrite as N		< 0.004	400 mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	al Oxidised as N	9.12	mg/l	0.2	UKAS	SX	25
Orthophospha	te, reactive as P	0.0140	0 mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	00 mg/l	0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	5.73	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		2.46	mg/l	0.3	UKAS	SX	38
Potassium		1.44	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20087101 - 1

Batch description: Aqueous samples for analysis



Reported on: 17-Dec-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Freshwate	Project:	Freshwate	r analys	sis		
Folder No: Comments:	003368639 Manor In			mpled on:	8-Dec-15	@ 08:15	5		
Quote No:	7163			Matrix:	Freshwate	r			
<u>Analyte</u>		<u>Result</u>	<u>(</u>	<u>Jnits</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<9.35	mg	/I			None	NLS	864
Orthophosphat	te, Filtered as P	<0.010	)0 mg	/I		0.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	<0.030	)0 mg	/I		0.03	UKAS	SX	25
Nitrite as N		< 0.004	100 mg	/I		0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	9.35	mg	/I		0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	<0.010	)0 mg	/I		0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	)0 mg	/I		0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg	/I		3	UKAS	SX	869
Zinc		<5	ug/	1		5	UKAS	SX	34
Iron		<30	ug	1		30	UKAS	SX	38
Magnesium		2.56	mg	/I		0.3	UKAS	SX	38
Potassium		1.19	mg	/I		0.1	UKAS	SX	38

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### **Analytical Report**

Final Report

Report ID - 20087101 - 1

Batch description: Aqueous samples for analysis



Reported on: 17-Dec-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater an	alysis		
Folder No: Comments:	003368640 Manor Out		Sampled on:	8-Dec-15 @ 08	3:10		
Quote No:	7163		Matrix:	Freshwater			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u>Flag MF</u>	<u> Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<9.11	mg/l		None	NLS	864
Orthophosphat	e, Filtered as P	0.0230	) mg/l	0.0	1 UKAS	SX	237
Ammoniacal Ni	itrogen as N	<0.030	00 mg/l	0.0	3 UKAS	SX	25
Nitrite as N		<0.004	400 mg/l	0.0	04 UKAS	SX	25
Nitrogen : Tota	l Oxidised as N	9.11	mg/l	0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	0.0130	) mg/l	0.0	1 UKAS	SX	25
Phosphate : To	otal as P	<0.020	00 mg/l	0.0	2 UKAS	SX	235
Solids, Suspen	ded at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		2.48	mg/l	0.3	UKAS	SX	38
Potassium		1.41	mg/l	0.1	UKAS	SX	38

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### **Analytical Report**

Final Report

Report ID - 20087101 - 1

Batch description: Aqueous samples for analysis



Reported on: 17-Dec-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Proje Freshwater analys		Freshwate	r analys	sis		
Folder No: Comments:	003368641 Abbotts Ann In		Sampled		8-Dec-15 (	@ 07:30	)		
Quote No:	7163		Mat	rix:	Freshwate	r			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u></u>	-lag	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<7.86	mg/l				None	NLS	864
Orthophosphat	te, Filtered as P	<0.010	)0 mg/l			0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	<0.030	)0 mg/l			0.03	UKAS	SX	25
Nitrite as N		< 0.004	100 mg/l			0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	7.86	mg/l			0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	<0.010	00 mg/l			0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	00 mg/l			0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	<3	mg/l			3	UKAS	SX	869
Zinc		<5	ug/l			5	UKAS	SX	34
Iron		<30	ug/l			30	UKAS	SX	38
Magnesium		1.77	mg/l			0.3	UKAS	SX	38
Potassium		1.01	mg/l			0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



### **Analytical Report**

Final Report

Report ID - 20087101 - 1

Batch description: Aqueous samples for analysis



Reported on: 17-Dec-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater analy	sis		
Folder No: Comments:	003368642 Abbotts Ann Out		Sampled on:	8-Dec-15 @ 07:4	0		
Quote No:	7163		Matrix:	Freshwater			
<u>Analyte</u>		<u>Result</u>	Units	Flag <u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		9.02	mg/l		None	NLS	864
Orthophosphat	te, Filtered as P	0.0390	mg/l	0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	0.0310	mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0349	mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	9.05	mg/l	0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0440	mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0501	mg/l	0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		1.88	mg/l	0.3	UKAS	SX	38
Potassium		1.35	mg/l	0.1	UKAS	SX	38

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### **Analytical Report**

Final Report

Report ID - 20087101 - 1

Batch description: Aqueous samples for analysis



Reported on: 17-Dec-2015

Client:	Vitacress Salads Ltd.		Project:	Freshwater analys	sis		
Folder No: Comments:	003368643 St Marybourne In. B Blo	Quote Description:	Freshwater analysis Sampled on:	8-Dec-15 @ 08:00	)		
Quote No:	7163		Matrix:	Freshwater			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u>Flag MRV</u>	<u>Accred</u>	<u>Lab ID_Tes</u>	<u>stcode</u>
Nitrate as N		<7.13	mg/l		None	NLS	864
Orthophosphat	e, Filtered as P	0.0330	) mg/l	0.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	<0.030	00 mg/l	0.03	UKAS	SX	25
Nitrite as N		<0.004	400 mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	7.13	mg/l	0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	0.0340	) mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0387	7 mg/l	0.02	UKAS	SX	235
Solids, Suspen	ded at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		1.64	mg/l	0.3	UKAS	SX	38
Potassium		1.17	mg/l	0.1	UKAS	SX	38

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### **Analytical Report**

Final Report

Report ID - 20087101 - 1

Batch description: Aqueous samples for analysis



Reported on: 17-Dec-2015

Client:	Vitacress Salads Ltd.		Project:	Freshwater analys	sis		
		Quote Description:	Freshwater analysis				
Folder No:	003368644		Sampled on:	8-Dec-15 @ 08:10	)		
Comments:	St Marybourne Out. B E	Block					
Quote No:	7163		Matrix:	Freshwater			
<u>Analyte</u>		<u>Result</u>	Units	Flag <u>MRV</u>	<u>Accred</u>	Lab ID_Tes	<u>stcode</u>
Nitrate as N		6.90	mg/l		None	NLS	864
Orthophosphat	e, Filtered as P	0.0930	) mg/l	0.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	<0.030	)0 mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0214	l mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	l Oxidised as N	6.92	mg/l	0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	0.0940	) mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.102	mg/l	0.02	UKAS	SX	235
Solids, Suspen	ded at 105 C	4.03	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		1.65	mg/l	0.3	UKAS	SX	38
Potassium		1.42	mg/l	0.1	UKAS	SX	38

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### **Analytical Report**

Final Report

Report ID - 20087101 - 1

Batch description: Aqueous samples for analysis



Reported on: 17-Dec-2015

Client:	Vitacress Salads Ltd.	Quete Description	Project:	Freshwater analy	sis		
Folder No: Comments:	003368645 St Marybourne In. D Blo	Quote Description:	Freshwater analysis Sampled on:	8-Dec-15 @ 08:1	5		
Quote No:	7163		Matrix:	Freshwater			
Analyte		<u>Result</u>	<u>Units</u>	<u>Flag</u> <u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<6.54	mg/l		None	NLS	864
Orthophosphat	te, Filtered as P	0.0230	) mg/l	0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	<0.030	00 mg/l	0.03	UKAS	SX	25
Nitrite as N		<0.004	400 mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	6.54	mg/l	0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0250	) mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0273	3 mg/l	0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		1.56	mg/l	0.3	UKAS	SX	38
Potassium		0.889	mg/l	0.1	UKAS	SX	38

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### **Analytical Report**

Final Report

Report ID - 20087101 - 1

Batch description: Aqueous samples for analysis



Reported on: 17-Dec-2015

Client:	Vitacress Salads Ltd.		Project:	Freshwater analys	sis		
		Quote Description:	Freshwater analysis				
Folder No:	003368646		Sampled on:	8-Dec-15 @ 08:25	)		
Comments:	St Marybourne Out. D E	Block					
Quote No:	7163		Matrix:	Freshwater			
<u>Analyte</u>		<u>Result</u>	Units	<u>Flag MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		6.85	mg/l		None	NLS	864
Orthophosphat	e, Filtered as P	0.0500	) mg/l	0.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	<0.030	)0 mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0291	l mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	l Oxidised as N	6.88	mg/l	0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	0.0520	) mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0585	5 mg/l	0.02	UKAS	SX	235
Solids, Suspen	ided at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		1.55	mg/l	0.3	UKAS	SX	38
Potassium		1.12	mg/l	0.1	UKAS	SX	38

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### **Analytical Report**

Final Report

Report ID - 20087101 - 1

Batch description: Aqueous samples for analysis



Reported on: 17-Dec-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater analys	sis		
Folder No: Comments:	003368647 Pinglestone In		Sampled on:	8-Dec-15 @ 08:50	)		
Quote No:	7163		Matrix:	Freshwater			
Analyte		<u>Result</u>	<u>Units</u>	Flag <u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		7.07	mg/l		None	NLS	864
Orthophosphat	te, Filtered as P	0.0420	mg/l	0.01	UKAS	SX	237
Ammoniacal N	litrogen as N	0.0560	mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0210	mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	al Oxidised as N	7.09	mg/l	0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0440	) mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0888	s mg/l	0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	16.8	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		78.9	ug/l	30	UKAS	SX	38
Magnesium		1.88	mg/l	0.3	UKAS	SX	38
Potassium		1.19	mg/l	0.1	UKAS	SX	38

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### **Analytical Report**

Final Report

Report ID - 20087101 - 1

Batch description: Aqueous samples for analysis



Reported on: 17-Dec-2015

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Freshwater analysis	Freshwater analy	/sis		
Folder No:	003368648		Sampled on:	8-Dec-15 @ 08:3	35		
Comments:	Pinglestone Out						
Quote No:	7163		Matrix:	Freshwater			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	Flag <u>MRV</u>	<u>Accred</u>	Lab ID_Tes	<u>stcode</u>
Nitrate as N		5.26	mg/l		None	NLS	864
Orthophosphat	te, Filtered as P	0.103	mg/l	0.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	0.519	mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0701	mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	5.33	mg/l	0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.116	mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.130	mg/l	0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	3.23	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		101	ug/l	30	UKAS	SX	38
Magnesium		1.90	mg/l	0.3	UKAS	SX	38
Potassium		1.19	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



#### **Analytical Report**

Final Report

Report ID - 20087101 - 1



Batch description: Aqueous samples for analysis

Reported on: 17-Dec-2015

#### Method Description Summary for all samples in batch Number 20087101

- 25 SX I Nutrients determined colorimetrically by CF autoanalyser
- 34 SX M ICPMS Routine Metals acid digested; determined by ICPMS
- 38 SX M ICPOES Routine Metals acid digested; determined by ICPOES 235 SX I Phosphate - (total) - digested; determined colorimetrically by autoanal
- SX I Phosphate (total) digested; determined colorimetrically by autoanalyser
  SX I Saline Nutrients determined colorimetrically by discrete analyser
- 864 Parameter by calculation
- 869 SX I Suspended Solids filtered; determined by gravimetry

James Trout Laboratory Site Manager

All reporting limits quoted are those achievable for clean samples of the relevant matrix. No allowance is made for instances when dilutions are necessary owing to the nature of the sample or insufficient volume of the sample being available. In these cases higher reporting limits may be quoted and will be above the MRV.

Solid sample results are determined on a "dried" sample fraction except for parameters where the method description identifies that "as received" sample was used.

The analysis start date specified is the date of the first test, dates for other analysis are available on request.

Please note all samples will be retained for 10 working days for aqueous samples and 30 working days for solid samples after reporting unless otherwise agreed with Customer Services

Key to Accreditation: UKAS = Methodology accredited to ISO/IEC 17025:2005, MCertS = Methodology accredited to MCertS Performance Standard for testing of soils, none = Methodology not accredited

Key to Lab ID: LE = Leeds, NM = Nottingham, SX = Starcross, SC = Sub-Contracted outside NLS, FI = Field Data - outside NLS, NLS = Calculated Any subsequent version of this report denoted with a higher version number will supersede this and any previous versions

END OF TEST REPORT

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN

