

Final Report

Report ID - 20088469 - 1

Batch description: Aqueous samples for analysis



Reported on: 27-Jan-2016

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-Jan-2016Analysis Started on:21-Jan-2016Analysis Completed on:27-Jan-2016Results for Batch Number20088469Your Purchase Order Number:B10031422

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.

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Final Report

Report ID - 20088469 - 1

Batch description: Aqueous samples for analysis



Reported on: 27-Jan-2016

Client: Vitacress Salads Ltd. Project: Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368649 Sampled on: 20-Jan-16 @ 07:30

Comments: Spetisbury In

Comments. Speciobary in							
Quote No: 7163		Mat	rix: Freshw	/ater			
<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	<11.8	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0130	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	< 0.0300	mg/l	QB	0.03	UKAS	SX	25
Nitrite as N	<0.00400	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	11.8	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0100	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.02	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	2.37	mg/l		0.3	UKAS	SX	38
Potassium	1.09	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20088469 - 1

Batch description: Aqueous samples for analysis



Reported on: 27-Jan-2016

Client: Vitacress Salads Ltd. Project: Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368650 Sampled on: 20-Jan-16 @ 07:40

Comments: Spetisbury Out

Quote No: 7163		Mat	rix: Freshv	/ater			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u> Tes	stcode
Nitrate as N	11.9	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0200	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l	QB	0.03	UKAS	SX	25
Nitrite as N	0.00460	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	11.9	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0170	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0274	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	10.3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	71.5	ug/l		30	UKAS	SX	38
Magnesium	2.47	mg/l		0.3	UKAS	SX	38
Potassium	1.35	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20088469 - 1

Batch description: Aqueous samples for analysis



Reported on: 27-Jan-2016

Client: Vitacress Salads Ltd. Project: Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368651 Sampled on: 20-Jan-16 @ 08:00

Comments: Hollybush In

Quote No: 7163		Matı	rix: Freshwat	er			
Analyte Nitrate as N	<u>Result</u> <11.9	<u>Units</u> mg/l	<u>Flag</u>	<u>MRV</u>	<u>Accred</u> None	<u>Lab ID_Tes</u> NLS	<u>tcode</u> 864
Orthophosphate, Filtered as P	0.0120	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l	QB	0.03	UKAS	SX	25
Nitrite as N	<0.00400	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	11.9	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0110	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.02	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	2.36	mg/l		0.3	UKAS	SX	38
Potassium	1.08	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20088469 - 1

Batch description: Aqueous samples for analysis



Reported on: 27-Jan-2016

Client: Vitacress Salads Ltd. Project: Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368652 Sampled on: 20-Jan-16 @ 08:10

Comments: Hollybush Out

Quote No: 7163		Mat	rix: Freshwa	ater			
<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	11.9	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0200	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	< 0.0300	mg/l	QB	0.03	UKAS	SX	25
Nitrite as N	0.00470	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	11.9	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0180	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0272	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	10.3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	73.8	ug/l		30	UKAS	SX	38
Magnesium	2.45	mg/l		0.3	UKAS	SX	38
Potassium	1.36	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20088469 - 1

Batch description: Aqueous samples for analysis



Reported on: 27-Jan-2016

Client: Vitacress Salads Ltd. Project: Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368653 Sampled on: 20-Jan-16 @ 08:20

Comments: Doddings In

Quote No: 7163		Mat	rix: Freshv	vater			
<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	<9.35	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.0100	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l	QB	0.03	UKAS	SX	25
Nitrite as N	<0.00400	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	9.35	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.0100	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.02	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	2.68	mg/l		0.3	UKAS	SX	38
Potassium	1.28	mg/l		0.1	UKAS	SX	38





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Report ID - 20088469 - 1

Batch description: Aqueous samples for analysis



Reported on: 27-Jan-2016

Client: Vitacress Salads Ltd. Project: Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368654 Sampled on: 20-Jan-16 @ 08:35

Comments: Doddings Out

Quote No: 7163		Mati	rix: Freshwa	ater			
<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	<9.16	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0210	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l	QB	0.03	UKAS	SX	25
Nitrite as N	<0.00400	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	9.16	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0220	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0349	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	64.7	ug/l		30	UKAS	SX	38
Magnesium	2.63	mg/l		0.3	UKAS	SX	38
Potassium	1.50	mg/l		0.1	UKAS	SX	38





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Report ID - 20088469 - 1

Batch description: Aqueous samples for analysis



Reported on: 27-Jan-2016

Client: Vitacress Salads Ltd. Project: Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368655 Sampled on: 20-Jan-16 @ 08:40

Comments: Manor Out

Quote No: 7163		Mat	rix: Freshw	ater			
<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	9.23	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0700	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	< 0.0300	mg/l	QB	0.03	UKAS	SX	25
Nitrite as N	0.00790	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	9.24	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0680	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0825	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	9.68	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	100	ug/l		30	UKAS	SX	38
Magnesium	2.46	mg/l		0.3	UKAS	SX	38
Potassium	1.66	mg/l		0.1	UKAS	SX	38





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Report ID - 20088469 - 1

Batch description: Aqueous samples for analysis



Reported on: 27-Jan-2016

Client: Vitacress Salads Ltd. Project: Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368656 Sampled on: 20-Jan-16 @ 08:55

Comments: Manor In

Quote No: 7163		Matı	rix: Freshwa	ter			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u> <u>Tes</u>	tcode
Nitrate as N	<12.1	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0210	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l	QB	0.03	UKAS	SX	25
Nitrite as N	<0.00400	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	12.1	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0200	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0213	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	2.62	mg/l		0.3	UKAS	SX	38
Potassium	2.33	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20088469 - 1

Batch description: Aqueous samples for analysis



Reported on: 27-Jan-2016

Client: Vitacress Salads Ltd. Project: Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368657 Sampled on: 20-Jan-16 @ 07:00

Comments: Abbotts Ann In

Quote No: 7163		Mat	rix: Freshwa	ater			
<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	<10.3	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0130	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	< 0.0300	mg/l	QB	0.03	UKAS	SX	25
Nitrite as N	<0.00400	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	10.3	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0130	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.02	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	1.93	mg/l		0.3	UKAS	SX	38
Potassium	0.902	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20088469 - 1

Batch description: Aqueous samples for analysis



Reported on: 27-Jan-2016

Client: Vitacress Salads Ltd. Project: Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368658 Sampled on: 20-Jan-16 @ 07:10

Comments: Abbotts Ann Out

Quote No: 7163		Mat	rix: Freshw	ater			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>			<u>Accred</u>	<u>Lab ID Tes</u>	tcode
Nitrate as N	9.32	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0170	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	< 0.0300	mg/l	QB	0.03	UKAS	SX	25
Nitrite as N	0.00430	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	9.32	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0150	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0266	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	3.98	mg/l		3	UKAS	SX	869
Zinc	12.3	ug/l		5	UKAS	SX	34
Iron	78.7	ug/l		30	UKAS	SX	38
Magnesium	1.93	mg/l		0.3	UKAS	SX	38
Potassium	1.16	mg/l		0.1	UKAS	SX	38



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Final Report

Report ID - 20088469 - 1

Batch description: Aqueous samples for analysis



Reported on: 27-Jan-2016

Client: Vitacress Salads Ltd. Project: Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368659 Sampled on: 20-Jan-16 @ 07:35

Comments: St Marybourne In. B Block

Quote No: 7163		Mat	rix: Freshw	ater			
<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	<6.97	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0220	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l	QB	0.03	UKAS	SX	25
Nitrite as N	<0.00400	mg/l		0.004	UKAS	SX	25
Nitrogen: Total Oxidised as N	6.97	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0210	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0262	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	1.61	mg/l		0.3	UKAS	SX	38
Potassium	0.790	mg/l		0.1	UKAS	SX	38



Final Report

Report ID - 20088469 - 1

Batch description: Aqueous samples for analysis



Reported on: 27-Jan-2016

Client: Vitacress Salads Ltd. Project: Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368660 Sampled on: 20-Jan-16 @ 07:45

Comments: St Marybourne Out. B Block

Quote No: 7163		Mat	rix: Freshw	ater			
<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	<7.14	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0500	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l	QB	0.03	UKAS	SX	25
Nitrite as N	<0.00400	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	7.14	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0590	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0804	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	30.9	ug/l		30	UKAS	SX	38
Magnesium	1.70	mg/l		0.3	UKAS	SX	38
Potassium	1.23	mg/l		0.1	UKAS	SX	38

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Final Report

Report ID - 20088469 - 1

Batch description: Aqueous samples for analysis



Reported on: 27-Jan-2016

Client: Vitacress Salads Ltd. Project: Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368661 Sampled on: 20-Jan-16 @ 07:50

Comments: St Marybourne In. D Block

Quote No: 7163		Mat	rix: Freshw	ater			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Units</u> <u>Flag</u>		<u>Accred</u>	Lab ID Tes	stcode
Nitrate as N	<6.67	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0250	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l	QB	0.03	UKAS	SX	25
Nitrite as N	<0.00400	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.67	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0240	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0234	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	1.63	mg/l		0.3	UKAS	SX	38
Potassium	0.869	mg/l		0.1	UKAS	SX	38



Potassium

### **Analytical Report**

Final Report

Report ID - 20088469 - 1

Batch description: Aqueous samples for analysis



Reported on: 27-Jan-2016

Client: Vitacress Salads Ltd. Project: Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368662 Sampled on: 20-Jan-16 @ 07:55

Comments: St Marybourne Out. D Block

Quote No: 7163 Matrix: Freshwater **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N <6.91 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.0330 0.01 SX 237 mg/l QB 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N < 0.00400 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 6.91 0.2 UKAS SX 25 mg/l Orthophosphate, reactive as P 0.0330 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.02 SX 235 0.0346 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 1.57 0.3 **UKAS** SX 38 mg/l

mg/l

0.974



0.1

**UKAS** 

SX

38



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Report ID - 20088469 - 1

Batch description: Aqueous samples for analysis



Reported on: 27-Jan-2016

Client: Vitacress Salads Ltd. Project: Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368663 Sampled on: 20-Jan-16 @ 08:10

Comments: St Marybourne River

Quote No: 7163		Mat	rix: Freshwa	ater			
<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	<7.07	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0350	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	< 0.0300	mg/l	QB	0.03	UKAS	SX	25
Nitrite as N	<0.00400	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	7.07	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0300	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0335	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	1.55	mg/l		0.3	UKAS	SX	38
Potassium	0.836	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20088469 - 1

Batch description: Aqueous samples for analysis



Reported on: 27-Jan-2016

Client: Vitacress Salads Ltd. Project: Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368664 Sampled on: 20-Jan-16 @ 08:45

Comments: Pinglestone In

Quote No: 7163		Mat	rix: Freshwa	iter			
Analyte Nitrate as N	<u>Result</u> <7.32	<u>Units</u> mg/l	<u>Flag</u>	<u>MRV</u>	<u>Accred</u> None	<u>Lab ID_Tes</u> NLS	<u>tcode</u> 864
Orthophosphate, Filtered as P	0.0260	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l	QB	0.03	UKAS	SX	25
Nitrite as N	<0.00400	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	7.32	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0250	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0262	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	151	ug/l		30	UKAS	SX	38
Magnesium	1.95	mg/l		0.3	UKAS	SX	38
Potassium	1.02	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20088469 - 1

Batch description: Aqueous samples for analysis



Reported on: 27-Jan-2016

Client: Vitacress Salads Ltd. Project: Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368665 Sampled on: 20-Jan-16 @ 08:50

Comments: Pinglestone Out

Quote No: 7163		Mat	rix: 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>	stcode
Nitrate as N	<7.01	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0350	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.0450	mg/l	QB	0.03	UKAS	SX	25
Nitrite as N	<0.00400	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	7.01	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0430	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.192	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	33.5	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	196	ug/l		30	UKAS	SX	38
Magnesium	1.96	mg/l		0.3	UKAS	SX	38
Potassium	1.03	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20088469 - 1

Batch description: Aqueous samples for analysis



Reported on: 27-Jan-2016

#### Method Description Summary for all samples in batch Number 20088469

- 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
- 35 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** 





Final Report

Report ID - 20089439 - 1

Batch description: Aqueous Samples for Analysis



Reported on: 22-Feb-2016

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

Dear Doreen

Please find attached the results for the batch of 9 samples described below.

Samples Registered on:

Analysis Started on:

Analysis Completed on:

Results for Batch Number

Your Purchase Order Number:

12-Feb-2016

22-Feb-2016

22089439

None Supplied

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.





Final Report

Report ID - 20089439 - 1

Batch description: Aqueous Samples for Analysis



Reported on: 22-Feb-2016

Vitacress Salads Ltd. Client: Project: Freshwater analysis

> Freshwater analysis **Quote Description:**

003368674 Sampled on: 11-Feb-16 @ 07:00 Folder No:

Comments: Abbotts Ann In

Potassium

Quote No: 7163 Matrix: Freshwater **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N <8.64 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P <0.0100 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N < 0.00400 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 8.64 0.2 UKAS SX 25 mg/l Orthophosphate, reactive as P <0.0100 0.01 **UKAS** SX 25 mq/l 0.02 SX 235 Phosphate: Total as P < 0.0200 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3.00 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 1.78 0.3 **UKAS** SX 38 mg/l 0.1

mg/l

0.904



**UKAS** 

SX

38



Final Report

Report ID - 20089439 - 1

Batch description: Aqueous Samples for Analysis



Reported on: 22-Feb-2016

Client: Vitacress Salads Ltd. Project: Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368675 Sampled on: 11-Feb-16 @ 07:10

Comments: Abbotts Ann Out

Quote No: 7163		Mat	rix: Freshw	/ater			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u> Tes	stcode
Nitrate as N	<8.56	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0110	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	8.56	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0210	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.134	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	15.4	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	88.6	ug/l		30	UKAS	SX	38
Magnesium	1.84	mg/l		0.3	UKAS	SX	38
Potassium	1.13	mg/l		0.1	UKAS	SX	38



Final Report

Report ID - 20089439 - 1

Batch description: Aqueous Samples for Analysis



Reported on: 22-Feb-2016

Client: Vitacress Salads Ltd. Project: Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368676 Sampled on: 11-Feb-16 @ 07:30

Comments: St Marybourne In B Block

Quote No: 7163		Matı	rix: Freshwa	ater			
<u>Analyte</u>	<u>Result</u>	<u>Units                                    </u>		<u>MRV</u>	<u>Accred</u>	Lab ID Tes	stcode
Nitrate as N	<7.12	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0200	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	7.12	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0130	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0215	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3.00	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.56	mg/l		0.3	UKAS	SX	38
Potassium	0.884	mg/l		0.1	UKAS	SX	38

Page 4 of 11



Potassium

### **Analytical Report**

Final Report

Report ID - 20089439 - 1

Batch description: Aqueous Samples for Analysis



Reported on: 22-Feb-2016

Client: Vitacress Salads Ltd. Project: Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368677 Sampled on: 11-Feb-16 @ 07:40

1.17

Comments: St Marybourne Out B Block

Quote No: 7163 Matrix: Freshwater **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N <7.30 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.0330 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N < 0.00400 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 0.2 UKAS SX 25 7.30 mg/l Orthophosphate, reactive as P 0.0380 0.01 **UKAS** SX 25 mg/l 0.02 SX 235 Phosphate: Total as P 0.0498 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 3.00 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 1.65 0.3 **UKAS** SX 38 mg/l

mg/l

Page 5 of 11

0.1

**UKAS** 

SX

38



Potassium

### **Analytical Report**

Final Report

Report ID - 20089439 - 1

Batch description: Aqueous Samples for Analysis



0.1

**UKAS** 

SX

38

Reported on: 22-Feb-2016

Client: Vitacress Salads Ltd. Project: Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368678 Sampled on: 11-Feb-16 @ 07:50

1.00

Comments: St Marybourne In D Block

Quote No: 7163 Matrix: Freshwater **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N <7.51 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.0270 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N < 0.00400 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 7.51 0.2 UKAS SX 25 mg/l Orthophosphate, reactive as P 0.0220 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.02 SX 235 0.0328 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 1.67 0.3 **UKAS** SX 38 mg/l

mg/l



Final Report

Report ID - 20089439 - 1

Batch description: Aqueous Samples for Analysis



Reported on: 22-Feb-2016

Client: Vitacress Salads Ltd. Project: Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368679 Sampled on: 11-Feb-16 @ 08:00

Comments: St Marybourne Out D Block

Quote No: 7163 Matrix: Freshwater **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N <7.08 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.0220 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N < 0.00400 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 7.08 0.2 UKAS SX 25 mg/l Orthophosphate, reactive as P 0.0210 0.01 **UKAS** SX 25 mg/l 0.02 SX 235 Phosphate: Total as P 0.0308 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 1.55 0.3 **UKAS** SX 38 mg/l 0.1 Potassium 1.07 mg/l **UKAS** SX 38



Final Report

Report ID - 20089439 - 1

Batch description: Aqueous Samples for Analysis



Reported on: 22-Feb-2016

Client: Vitacress Salads Ltd. Project: Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368680 Sampled on: 11-Feb-16 @ 08:10

Comments: St Marybourne River

Quote No: 7163		Matr	rix: Freshwat	er			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u> <u>Tes</u>	tcode
Nitrate as N	<7.71	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0450	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	7.71	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0400	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0524	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	1.62	mg/l		0.3	UKAS	SX	38
Potassium	1.09	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20089439 - 1

Batch description: Aqueous Samples for Analysis



Reported on: 22-Feb-2016

Client: Vitacress Salads Ltd. Project: Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368681 Sampled on: 11-Feb-16 @ 08:50

Comments: Pinglestone In

Quote No: 7163		Mat	rix: Freshw	vater			
<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	<7.95	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0190	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	7.95	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0160	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0225	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	1.97	mg/l		0.3	UKAS	SX	38
Potassium	1.16	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20089439 - 1

Batch description: Aqueous Samples for Analysis



Reported on: 22-Feb-2016

Client: Vitacress Salads Ltd. Project: Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368682 Sampled on: 11-Feb-16 @ 09:00

Comments: Pinglestone Out

Quote No: 7163		Mat	rix: 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>	stcode
Nitrate as N	<7.33	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	<0.00400	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	7.33	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0220	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0422	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	1.93	mg/l		0.3	UKAS	SX	38
Potassium	1.08	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20089439 - 1

Batch description: Aqueous Samples for Analysis



Reported on: 22-Feb-2016

#### Method Description Summary for all samples in batch Number 20089439

- 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
- 35 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.

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** 





Final Report

Report ID - 20090669 - 1

Batch description: Freshwater Analysis



Reported on: 17-Mar-2016

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: 10-Mar-2016
Analysis Started on: 10-Mar-2016
Analysis Completed on: 17-Mar-2016
Results for Batch Number 20090669
Your Purchase Order Number: B10031422

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.





Final Report

Report ID - 20090669 - 1

Batch description: Freshwater Analysis



Reported on: 17-Mar-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368683 Sampled on: 9-Mar-16 @ 07:30

Comments: Abbotts Ann In

Quote No: 7163		Mat	rix: 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	<7.30	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0120	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	7.30	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0110	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.0200	mg/l	QB	0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3.00	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.77	mg/l		0.3	UKAS	SX	38
Potassium	0.829	mg/l		0.1	UKAS	SX	38



Final Report

Report ID - 20090669 - 1

Batch description: Freshwater Analysis



Reported on: 17-Mar-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368684 Sampled on: 9-Mar-16 @ 07:40

Comments: Abbotts Ann Out

Quote No: 7163		Matr	rix: Freshwa	iter			
Analyte Nitrate as N	<u>Result</u> <8.60	<u>Units</u> mg/l	<u>Flag</u>	<u>MRV</u>	<u>Accred</u> None	<u>Lab ID_Tes</u> NLS	<u>tcode</u> 864
Orthophosphate, Filtered as P	0.0590	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	8.60	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0780	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0824	mg/l	QB	0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3.00	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	1.06	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20090669 - 1

Batch description: Freshwater Analysis



Reported on: 17-Mar-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368685 Sampled on: 9-Mar-16 @ 08:00

Comments: St. Marybourne In B Block

Quote No: 7163		Mat	rix: Freshw	ater			
<u>Analyte</u>	<u>Result</u> <u>Units</u>			<u>MRV</u>	<u>Accred</u>	Lab ID Tes	stcode
Nitrate as N	<7.22	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0190	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	7.22	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0190	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0201	mg/l	QB	0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3.00	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.72	mg/l		0.3	UKAS	SX	38
Potassium	0.817	mg/l		0.1	UKAS	SX	38



Final Report

Report ID - 20090669 - 1

Batch description: Freshwater Analysis



Reported on: 17-Mar-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368686 Sampled on: 9-Mar-16 @ 08:10

Comments: St Marybourne Out B Block

Quote No: 7163	Matrix: Freshwater								
<u>Analyte</u>	<u>Result</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID Testcode</u>				
Nitrate as N	<6.65	mg/l			None	NLS	864		
Orthophosphate, Filtered as P	0.0510	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	6.65	mg/l		0.2	UKAS	SX	25		
Orthophosphate, reactive as P	0.0510	mg/l		0.01	UKAS	SX	25		
Phosphate : Total as P	0.0529	mg/l	QB	0.02	UKAS	SX	235		
Solids, Suspended at 105 C	3.90	mg/l		3	UKAS	SX	869		
Zinc	<5	ug/l		5	UKAS	SX	34		
Iron	<30	ug/l		30	UKAS	SX	38		
Magnesium	1.74	mg/l		0.3	UKAS	SX	38		
Potassium	1.07	mg/l		0.1	UKAS	SX	38		





Final Report

Report ID - 20090669 - 1

Batch description: Freshwater Analysis



Reported on: 17-Mar-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368687 Sampled on: 9-Mar-16 @ 08:15

Comments: St Marlybourne In D Block

Quote No: 7163	Matrix: Freshwater								
<u>Analyte</u>	Result <u>Units</u>		<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Testcode			
Nitrate as N	<6.71	mg/l			None	NLS	864		
Orthophosphate, Filtered as P	0.0260	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	6.71	mg/l		0.2	UKAS	SX	25		
Orthophosphate, reactive as P	0.0270	mg/l		0.01	UKAS	SX	25		
Phosphate : Total as P	0.0272	mg/l	QB	0.02	UKAS	SX	235		
Solids, Suspended at 105 C	3.90	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	0.886	mg/l		0.1	UKAS	SX	38		





Final Report

Report ID - 20090669 - 1

Batch description: Freshwater Analysis



Reported on: 17-Mar-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368688 Sampled on: 9-Mar-16 @ 08:20

Comments: St Marybourne Out D Block

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	8.08	mg/l			None	NLS	864
Orthophosphate, Filtered as P	1.11	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.493	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0616	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	8.14	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.939	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	1.09	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	6.90	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	3.73	mg/l		0.3	UKAS	SX	38
Potassium	17.3	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20090669 - 1

Batch description: Freshwater Analysis



Reported on: 17-Mar-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368689 Sampled on: 9-Mar-16 @ 08:30

Comments: St Marybourne River

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	<7.14	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0400	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	7.14	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0400	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0440	mg/l	QB	0.02	UKAS	SX	235
Solids, Suspended at 105 C	4.60	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.69	mg/l		0.3	UKAS	SX	38
Potassium	0.953	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20090669 - 1

Batch description: Freshwater Analysis



Reported on: 17-Mar-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368690 Sampled on: 9-Mar-16 @ 09:00

Comments: Pinglestone In

Quote No: 7163	Matrix: Freshwater						
Analyte Nitrate as N	<u>Result</u> <7.76	<u>Units</u> mg/l	<u>Flag</u>	<u>MRV</u>	<u>Accred</u> None	<u>Lab ID_Tes</u> NLS	<u>tcode</u> 864
Orthophosphate, Filtered as P	0.0200	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	7.76	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0210	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0222	mg/l	QB	0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3.00	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.95	mg/l		0.3	UKAS	SX	38
Potassium	1.10	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20090669 - 1

Batch description: Freshwater Analysis



Reported on: 17-Mar-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368691 Sampled on: 9-Mar-16 @ 09:10

Comments: Pinglestone Out

Comments. Tinglestone Out							
Quote No: 7163		Mat	rix: Freshw	/ater			
<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	6.93	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	0.00580	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.94	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0270	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0368	mg/l	QB	0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3.00	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.04	mg/l		0.3	UKAS	SX	38
Potassium	0.947	mg/l		0.1	UKAS	SX	38
		-					





Final Report

Report ID - 20090669 - 1

Batch description: Freshwater Analysis



Reported on: 17-Mar-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368692 Sampled on: 9-Mar-16 @ 07:30

Comments: SpetisBerry In

Quote No: 7163	Matrix: Freshwater							
<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	<12.0	mg/l			None	NLS	864	
Orthophosphate, Filtered as P	0.0120	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	12.0	mg/l		0.2	UKAS	SX	25	
Orthophosphate, reactive as P	0.0130	mg/l		0.01	UKAS	SX	25	
Phosphate : Total as P	<0.0200	mg/l	QB	0.02	UKAS	SX	235	
Solids, Suspended at 105 C	<3.00	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	1.02	mg/l		0.1	UKAS	SX	38	





Final Report

Report ID - 20090669 - 1

Batch description: Freshwater Analysis



Reported on: 17-Mar-2016

Vitacress Salads Ltd. 7163 Freshwater analysis Client: Project:

Quote Description: Freshwater analysis

Folder No: 003368693 Sampled on: 9-Mar-16 @ 07:40

Comments: SpetisBerry Out

Quote No: 7163		Mat	rix: Freshw	ater			
<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	10.6	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.0100	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	< 0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0100	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	10.6	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.0100	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.246	mg/l	QB	0.02	UKAS	SX	235
Solids, Suspended at 105 C	48.8	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.42	mg/l		0.3	UKAS	SX	38
Potassium	1.27	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20090669 - 1

Batch description: Freshwater Analysis



Reported on: 17-Mar-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368694 Sampled on: 9-Mar-16 @ 08:15

Comments: Hollybush In

Confinents. Hollybush in							
Quote No: 7163		Mat	rix: Freshw	/ater			
<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	<11.9	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0120	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	11.9	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0130	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.0200	mg/l	QB	0.02	UKAS	SX	235
Solids, Suspended at 105 C	15.3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.53	mg/l		0.3	UKAS	SX	38
Potassium	0.978	mg/l		0.1	UKAS	SX	38



Final Report

Report ID - 20090669 - 1

Batch description: Freshwater Analysis



Reported on: 17-Mar-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368695 Sampled on: 9-Mar-16 @ 08:30

Comments: Hollybush Out

Quote No: 7163 Matrix: Freshwater **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N 11.0 None NLS 864 mg/l 0.01 UKAS Orthophosphate, Filtered as P <0.0100 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N 0.0108 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 0.2 UKAS SX 25 11.0 mg/l Orthophosphate, reactive as P <0.0100 0.01 **UKAS** SX 25 mg/l QB Phosphate: Total as P 0.02 SX 235 < 0.0200 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 10.3 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 2.44 0.3 **UKAS** SX 38 mg/l 0.1 Potassium 1.29 mg/l **UKAS** SX 38





Final Report

Report ID - 20090669 - 1

Batch description: Freshwater Analysis



Reported on: 17-Mar-2016

Vitacress Salads Ltd. 7163 Freshwater analysis Client: Project:

Quote Description: Freshwater analysis

Folder No: 003368696 Sampled on: 9-Mar-16 @ 08:45

Comments: Dockleleys In

Quote No: 7163		Mat	rix: Freshw	ater			
<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	<7.83	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.0100	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	7.83	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.0100	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.0200	mg/l	QB	0.02	UKAS	SX	235
Solids, Suspended at 105 C	5.60	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.51	mg/l		0.3	UKAS	SX	38
Potassium	1.37	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20090669 - 1

Batch description: Freshwater Analysis



Reported on: 17-Mar-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368697 Sampled on: 9-Mar-16 @ 09:00

Comments: Dockleys Out

Quote No: 7163 Matrix: Freshwater **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N <8.36 None NLS 864 mg/l 0.01 Orthophosphate, Filtered as P 0.0100 **UKAS** SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N < 0.00400 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 0.2 UKAS SX 25 8.36 mg/l Orthophosphate, reactive as P 0.0120 0.01 **UKAS** SX 25 mg/l QB Phosphate: Total as P 0.02 SX 235 < 0.0200 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 3.50 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 2.57 0.3 **UKAS** SX 38 mg/l 0.1 Potassium 1.42 mg/l **UKAS** SX 38





Final Report

Report ID - 20090669 - 1

Batch description: Freshwater Analysis



Reported on: 17-Mar-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368698 Sampled on: 9-Mar-16 @ 09:30

Comments: Mawom In

Quote No: 7163	Matrix: Freshwater						
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u> <u>Tes</u>	tcode
Nitrate as N	9.15	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0240	mg/l	DC	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0105	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	9.16	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0540	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0692	mg/l	QB	0.02	UKAS	SX	235
Solids, Suspended at 105 C	9.30	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.68	mg/l		0.3	UKAS	SX	38
Potassium	2.13	mg/l		0.1	UKAS	SX	38

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Final Report

Report ID - 20090669 - 1

Batch description: Freshwater Analysis



Reported on: 17-Mar-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368699 Sampled on: 9-Mar-16 @ 09:45

Comments: Mawon In

Quote No: 7163	Matrix: Freshwater						
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u> <u>Tes</u>	tcode
Nitrate as N	<10.2	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0620	mg/l	DC	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	10.2	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0110	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	3.50	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	59.2	ug/l		30	UKAS	SX	38
Magnesium	2.49	mg/l		0.3	UKAS	SX	38
Potassium	1.70	mg/l		0.1	UKAS	SX	38

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Final Report

Report ID - 20090669 - 1

Batch description: Freshwater Analysis



Reported on: 17-Mar-2016

#### Method Description Summary for all samples in batch Number 20090669

- 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
- 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:

DC Analysis started outside of specified stability time. It is possible that the 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** 





Final Report

Report ID - 20092175 - 1

Batch description: Aqueous samples



Reported on: 22-Apr-2016

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

Dear Doreen

Please find attached the results for the batch of 22 samples described below.

Samples Registered on:

Analysis Started on:

Analysis Completed on:

Results for Batch Number

Your Purchase Order Number:

14-Apr-2016
22-Apr-2016
22-Apr-2016
20092175

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.



Page 1 of 24



Final Report

Report ID - 20092175 - 1

Batch description: Aqueous samples



Reported on: 22-Apr-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

2.27

1.70

Quote Description: Freshwater analysis

Folder No: 003368700 Sampled on: 13-Apr-16 @ 06:30

Comments: SP In Quote No: 7163

Magnesium

Potassium

Quote No: 7163	Matrix: Freshwater						
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u> Tes	tcode
Nitrate as N	<10.7	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0120	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	10.7	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0130	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.0200	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		30	UKAS	SX	38

mg/l

mg/l

0.3

0.1

**UKAS** 

**UKAS** 

SX

SX

38

38

Page 2 of 24



Final Report

Report ID - 20092175 - 1

Batch description: Aqueous samples



Reported on: 22-Apr-2016

Vitacress Salads Ltd. 7163 Freshwater analysis Client: Project:

> Quote Description: Freshwater analysis

Folder No: 003368701 Sampled on: 13-Apr-16 @ 06:45

Comments: SP Out

Matrix	Freshwater
Mailix.	riesnwaiei

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	<10.9	mg/l			None	NLS	864		
Orthophosphate, Filtered as P	<0.0100	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	10.9	mg/l		0.2	UKAS	SX	25		
Orthophosphate, reactive as P	<0.0100	mg/l		0.01	UKAS	SX	25		
Phosphate : Total as P	0.0206	mg/l		0.02	UKAS	SX	235		
Solids, Suspended at 105 C	5.08	mg/l		3	UKAS	SX	869		
Zinc	<5	ug/l		5	UKAS	SX	34		
Iron	37.4	ug/l		30	UKAS	SX	38		
Magnesium	2.33	mg/l		0.3	UKAS	SX	38		
Potassium	1.89	mg/l		0.1	UKAS	SX	38		

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Final Report

Report ID - 20092175 - 1

Batch description: Aqueous samples



Reported on: 22-Apr-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

1.23

Quote Description: Freshwater analysis

Folder No: 003368702 Sampled on: 13-Apr-16 @ 07:05

Comments: HB In

Potassium

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	<9.24	mg/l			None	NLS	864			
Orthophosphate, Filtered as P	<0.0100	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	9.24	mg/l		0.2	UKAS	SX	25			
Orthophosphate, reactive as P	<0.0100	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		30	UKAS	SX	38			
Magnesium	2.68	mg/l		0.3	UKAS	SX	38			

mg/l

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0.1

UKAS

SX

38



Final Report

Report ID - 20092175 - 1

Batch description: Aqueous samples



Reported on: 22-Apr-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

2.52

1.32

Quote Description: Freshwater analysis

Folder No: 003368703 Sampled on: 13-Apr-16 @ 07:15

Comments: HB Out
Quote No: 7163

Magnesium

Potassium

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	<8.13	mg/l			None	NLS	864	
Orthophosphate, Filtered as P	<0.0100	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	8.13	mg/l		0.2	UKAS	SX	25	
Orthophosphate, reactive as P	<0.0100	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	ua/l		30	UKAS	SX	38	

mg/l

mg/l

QB

0.3

0.1

**UKAS** 

UKAS

SX

SX

38

38





Final Report

Report ID - 20092175 - 1

Batch description: Aqueous samples



Reported on: 22-Apr-2016

Vitacress Salads Ltd. 7163 Freshwater analysis Client: Project:

> Freshwater analysis Quote Description:

Folder No: 003368704 Sampled on: 13-Apr-16 @ 07:30

Comments: MB In

Quote No: 7163 Matrix: Freshwater <u>Analyte</u> Result Units Flag <u>MRV</u> **Accred** Lab ID Testcode NI S Nitrata as N **-11** 2 ma/l None

Nitrate as N	<11.2	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	11.2	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0130	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.0200	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	12.4	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	QB	0.3	UKAS	SX	38
Potassium	2.38	mg/l		0.1	UKAS	SX	38



Final Report

Report ID - 20092175 - 1

Batch description: Aqueous samples



Reported on: 22-Apr-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368705 Sampled on: 13-Apr-16 @ 07:40

Comments: In Out

Quote No: 7163	Matrix: Freshwater									
<u>Analyte</u> Nitrate as N	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	Accred	<u>Lab ID_Tes</u> NLS				
	8.78	mg/l		0.01	None		864			
Orthophosphate, Filtered as P	0.0360	mg/l			UKAS	SX	237			
Ammoniacal Nitrogen as N	< 0.0300	mg/l		0.03	UKAS	SX	25			
Nitrite as N	0.0172	mg/l		0.004	UKAS	SX	25			
Nitrogen : Total Oxidised as N	8.80	mg/l		0.2	UKAS	SX	25			
Orthophosphate, reactive as P	0.0380	mg/l		0.01	UKAS	SX	25			
Phosphate : Total as P	0.0488	mg/l		0.02	UKAS	SX	235			
Solids, Suspended at 105 C	5.18	mg/l	DC	3	UKAS	SX	869			
Zinc	<5	ug/l		5	UKAS	SX	34			
Iron	53.7	ug/l		30	UKAS	SX	38			
Magnesium	2.41	mg/l	QB	0.3	UKAS	SX	38			
Potassium	1.31	mg/l		0.1	UKAS	SX	38			





Final Report

Report ID - 20092175 - 1

Batch description: Aqueous samples



Reported on: 22-Apr-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368706 Sampled on: 13-Apr-16 @ 07:50

Comments: DD In

Quote No: 7163		Matr	ix: Freshwat	er			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u> <u>Tes</u>	tcode
Nitrate as N	<9.21	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.0100	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	9.21	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.0100	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	DC	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	QB	0.3	UKAS	SX	38
Potassium	1.20	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20092175 - 1

Batch description: Aqueous samples



7163 Freshwater analysis

Reported on: 22-Apr-2016

Client: Vitacress Salads Ltd. Project:

Quote Description: Freshwater analysis

Sampled on: 13-Apr-16 @ 08:00

Folder No: 003368707 Comments: DD Out

Quote No: 7163		Mat	rix: Freshw	ater			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	
Nitrate as N	8.84	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0950	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.00450	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	8.84	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.103	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.109	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	3.53	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	QB	0.3	UKAS	SX	38
Potassium	6.42	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20092175 - 1

Batch description: Aqueous samples



Reported on: 22-Apr-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368708 Sampled on: 13-Apr-16 @ 08:20

Comments: US In

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	tcode				
Nitrate as N	<6.82	mg/l			None	NLS	864				
Orthophosphate, Filtered as P	0.0160	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	6.82	mg/l		0.2	UKAS	SX	25				
Orthophosphate, reactive as P	0.0180	mg/l		0.01	UKAS	SX	25				
Phosphate : Total as P	0.0204	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	2.81	mg/l		0.3	UKAS	SX	38				
Potassium	1.08	mg/l		0.1	UKAS	SX	38				





Final Report

Report ID - 20092175 - 1

Batch description: Aqueous samples



Reported on: 22-Apr-2016

Vitacress Salads Ltd. 7163 Freshwater analysis Client: Project:

> Quote Description: Freshwater analysis

Folder No: 003368709 Sampled on: 13-Apr-16 @ 08:30

Comments: **US Out** 

Quote No:	7163		Matrix:	Freshwater
Analyte		Result	Units	Flag

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	<u>tcode</u>
Nitrate as N	6.04	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.0100	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.00950	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.05	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.0100	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		30	UKAS	SX	38
Magnesium	2.86	mg/l		0.3	UKAS	SX	38
Potassium	0.971	mg/l		0.1	UKAS	SX	38

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Final Report

Report ID - 20092175 - 1

Batch description: Aqueous samples



Reported on: 22-Apr-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368710 Sampled on: 13-Apr-16 @ 06:30

Comments: Abbotts Ann In

Quote No: 7163 Matrix: Freshwater **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N <9.48 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.0100 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N < 0.00400 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 9.48 0.2 UKAS SX 25 mg/l Orthophosphate, reactive as P 0.0100 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P < 0.0200 0.02 SX 235 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l QB Magnesium 1.76 0.3 **UKAS** SX 38 mg/l 0.1 Potassium 0.794 mg/l **UKAS** SX 38





Final Report

Report ID - 20092175 - 1

Batch description: Aqueous samples



Reported on: 22-Apr-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368711 Sampled on: 13-Apr-16 @ 06:40

Comments: Abbotts Ann Out

Quote No: 7163 Matrix: Freshwater **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N 7.28 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.303 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N 0.0466 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 0.2 UKAS SX 25 7.33 mg/l Orthophosphate, reactive as P 0.0480 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.02 SX 235 0.0584 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l QB Magnesium 1.92 0.3 **UKAS** SX 38 mg/l 0.1 Potassium 0.618 mg/l **UKAS** SX 38





# **Analytical Report**

Final Report

Report ID - 20092175 - 1

Batch description: Aqueous samples



Reported on: 22-Apr-2016

Vitacress Salads Ltd. 7163 Freshwater analysis Client: Project:

Quote Description: Freshwater analysis

Folder No: 003368712 Sampled on: 13-Apr-16 @ 07:00

Comments: St Marybourne In B Block

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	<7.88	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0190	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	7.88	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0180	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		30	UKAS	SX	38
Magnesium	1.61	mg/l	QB	0.3	UKAS	SX	38
Potassium	0.771	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20092175 - 1

Batch description: Aqueous samples



Reported on: 22-Apr-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368713 Sampled on: 13-Apr-16 @ 07:10

Comments: St Marybourne Out B Block

Quote No: 7163 Matrix: Freshwater **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N 6.58 None NLS 864 mg/l Orthophosphate, Filtered as P 0.107 0.01 **UKAS** SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N 0.0124 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 6.59 0.2 UKAS SX 25 mg/l Orthophosphate, reactive as P 0.110 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.02 SX 235 0.143 **UKAS** mg/l Solids, Suspended at 105 C 4.63 3 **UKAS** SX 869 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 1.84 0.3 **UKAS** SX 38 mg/l 0.1 Potassium 2.05 mg/l **UKAS** SX 38

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Potassium

#### **Analytical Report**

Final Report

Report ID - 20092175 - 1

Batch description: Aqueous samples



Reported on: 22-Apr-2016

Vitacress Salads Ltd. 7163 Freshwater analysis Client: Project:

0.812

Freshwater analysis **Quote Description:** 

003368714 Sampled on: 13-Apr-16 @ 07:20 Folder No:

Comments: St Maybourne In D Block

Quote No: 7163 Matrix: Freshwater **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N <6.95 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.0240 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N < 0.00400 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 6.95 0.2 UKAS SX 25 mg/l Orthophosphate, reactive as P 0.0260 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.02 SX 235 0.0261 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l QB Magnesium 1.57 0.3 **UKAS** SX 38 mg/l 0.1

mg/l



**UKAS** 

SX

38



Final Report

Report ID - 20092175 - 1

Batch description: Aqueous samples



Reported on: 22-Apr-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368715 Sampled on: 13-Apr-16 @ 07:25

Comments: St Marybourne Out D Block

Quote No: 7163	uote 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	4.64	mg/l			None	NLS	864			
Orthophosphate, Filtered as P	0.0240	mg/l		0.01	UKAS	SX	237			
Ammoniacal Nitrogen as N	0.0310	mg/l		0.03	UKAS	SX	25			
Nitrite as N	0.0196	mg/l		0.004	UKAS	SX	25			
Nitrogen : Total Oxidised as N	4.66	mg/l		0.2	UKAS	SX	25			
Orthophosphate, reactive as P	0.0330	mg/l		0.01	UKAS	SX	25			
Phosphate : Total as P	0.0741	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	1.34	mg/l		0.3	UKAS	SX	38			
Potassium	0.695	mg/l		0.1	UKAS	SX	38			

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Final Report

Report ID - 20092175 - 1

Batch description: Aqueous samples



Reported on: 22-Apr-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368716 Sampled on: 13-Apr-16 @ 07:35

Comments: St Marybourne River

Quote No: 7163 Matrix: Freshwater **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N 6.95 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.0310 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N 0.00580 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 0.2 UKAS SX 25 6.96 mg/l Orthophosphate, reactive as P 0.0320 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.02 SX 235 0.0380 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 1.68 0.3 **UKAS** SX 38 mg/l 0.1 Potassium 0.874 mg/l **UKAS** SX 38





Final Report

Report ID - 20092175 - 1

Batch description: Aqueous samples



Reported on: 22-Apr-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368717 Sampled on: 13-Apr-16 @ 07:45

Comments: St Marybourn Gravel Washer

Quote No: 7163 Matrix: Freshwater **Analyte** Result Units Flag MRV Accred Lab ID Testcode Nitrate as N 4.72 None NLS 864 mg/l DC Orthophosphate, Filtered as P NoResult SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N 25 1.11 mg/l 0.004 Nitrite as N 0.238 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 4.96 0.2 UKAS SX 25 mg/l Orthophosphate, reactive as P 2.23 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.02 SX 235 58.7 **UKAS** mg/l Solids, Suspended at 105 C DC 3 **UKAS** SX 869 8730 mg/l 5 SX Zinc 17700 **UKAS** 34 ug/l 271000 30 **UKAS** SX 38 Iron ug/l Magnesium 119 0.3 **UKAS** SX 38 mg/l 0.1 Potassium 95.7 mg/l **UKAS** SX 38





Final Report

Report ID - 20092175 - 1

Batch description: Aqueous samples



Reported on: 22-Apr-2016

Vitacress Salads Ltd. 7163 Freshwater analysis Client: Project:

Quote Description: Freshwater analysis

Folder No: 003368718 Sampled on: 13-Apr-16 @ 08:15

Comments: Pinglestone In

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 Testcode			
Nitrate as N	<7.93	mg/l			None	NLS	864		
Orthophosphate, Filtered as P	0.0190	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	7.93	mg/l		0.2	UKAS	SX	25		
Orthophosphate, reactive as P	0.0230	mg/l		0.01	UKAS	SX	25		
Phosphate : Total as P	<0.0200	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		30	UKAS	SX	38		
Magnesium	2.03	mg/l		0.3	UKAS	SX	38		
Potassium	1.04	mg/l		0.1	UKAS	SX	38		



Final Report

Report ID - 20092175 - 1

Batch description: Aqueous samples



Reported on: 22-Apr-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368719 Sampled on: 13-Apr-16 @ 08:25

Comments: Pinglestone Out

Quote No: 7163	Matrix: Freshwater						
<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	6.75	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0100	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.00640	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.76	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0100	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0229	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	3.93	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	31.9	ug/l		30	UKAS	SX	38
Magnesium	1.97	mg/l		0.3	UKAS	SX	38
Potassium	0.700	mg/l		0.1	UKAS	SX	38



Final Report

Report ID - 20092175 - 1

Batch description: Aqueous samples



Reported on: 22-Apr-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368720 Sampled on: 13-Apr-16 @ 08:40

Comments: Warnford In Winchester Road

Quote No: 7163 Matrix: Freshwater **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N <7.41 None NLS 864 mg/l Orthophosphate, Filtered as P 0.0150 0.01 **UKAS** SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N < 0.00400 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 7.41 0.2 UKAS SX 25 mg/l Orthophosphate, reactive as P 0.0170 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.02 SX 235 0.0323 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 2.12 0.3 **UKAS** SX 38 mg/l 0.1 Potassium 0.795 mg/l **UKAS** SX 38

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Final Report

Report ID - 20092175 - 1

Batch description: Aqueous samples



Reported on: 22-Apr-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368721 Sampled on: 13-Apr-16 @ 08:50

Comments: Warnford Out Winchester Road

Quote No: 7163	Matrix: Freshwater						
<u>Analyte</u> Nitrate as N	<u>Result</u> <u>Units Flag</u> <7.44 mg/l			<u>MRV</u>	<u>Accred</u>	<u>Lab ID_Testcode</u> NLS 864	
		mg/l		0.04	None		
Orthophosphate, Filtered as P	<0.0100	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	7.44	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.0100	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		30	UKAS	SX	38
Magnesium	2.09	mg/l		0.3	UKAS	SX	38
Potassium	0.722	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20092175 - 1

Batch description: Aqueous samples



Reported on: 22-Apr-2016

#### Method Description Summary for all samples in batch Number 20092175

- 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
- 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:

DC Analysis started outside of specified stability time. It is possible that the 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** 





Final Report

Report ID - 20093795 - 1

Batch description: Aqueous Samples



Reported on: 26-May-2016

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

Dear Doreen

Please find attached the results for the batch of 21 samples described below.

Samples Registered on:19-May-2016Analysis Started on:19-May-2016Analysis Completed on:26-May-2016Results for Batch Number20093795Your Purchase Order Number:B10031422

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.



Final Report

Report ID - 20093795 - 1

Batch description: Aqueous Samples



Reported on: 26-May-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368722 Sampled on: 18-May-16 @ 06:45

Comments: Spetisbury IN

Quote No: 7163		Mat	rix: Freshw	vater			
<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	<10.4	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0130	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	10.4	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.0100	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		30	UKAS	SX	38
Magnesium	2.22	mg/l		0.3	UKAS	SX	38
Potassium	1.60	mg/l		0.1	UKAS	SX	38



Final Report

Report ID - 20093795 - 1

Batch description: Aqueous Samples



Reported on: 26-May-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368723 Sampled on: 18-May-16 @ 06:50

Comments: Spetisbury Out

Quote No: 7163		Matı	rix: Freshw	/ater			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Units</u> <u>Flag</u>		<u>Accred</u>	Lab ID Tes	stcode
Nitrate as N	5.88	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.114	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	2.24	mg/l		0.03	UKAS	SX	25
Nitrite as N	2.14	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	8.02	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.152	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.420	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	22.2	mg/l		3	UKAS	SX	869
Zinc	36.0	ug/l		5	UKAS	SX	34
Iron	134	ug/l		30	UKAS	SX	38
Magnesium	4.94	mg/l		0.3	UKAS	SX	38
Potassium	23.4	mg/l		0.1	UKAS	SX	38



Final Report

Report ID - 20093795 - 1

Batch description: Aqueous Samples



Reported on: 26-May-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368724 Sampled on: 18-May-16 @ 07:20

Comments: Hollybush IN

Quote No: 7163		Mat	rix: Freshwa	ter			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	tcode	
Nitrate as N	<10.7	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	<0.00400	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	10.7	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.0100	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		30	UKAS	SX	38
Magnesium	2.49	mg/l		0.3	UKAS	SX	38
Potassium	0.745	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20093795 - 1

Batch description: Aqueous Samples



Reported on: 26-May-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368725 Sampled on: 18-May-16 @ 07:25

Comments: Hollybush Out

Quote No: 7163		Matı	rix: Freshwa	iter			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	tcode	
Nitrate as N	10.8	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.0100	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0388	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	10.8	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.0100	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		30	UKAS	SX	38
Magnesium	2.38	mg/l		0.3	UKAS	SX	38
Potassium	0.480	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20093795 - 1

Batch description: Aqueous Samples



Reported on: 26-May-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368726 Sampled on: 18-May-16 @ 07:40

Comments: Usington In

Quote No: 7163		Matr	rix: Freshwa	ter			
Analyte Nitrate as N	<u>Result</u> <10.5	<u>Units</u> mg/l	<u>Flag</u>	<u>MRV</u>	<u>Accred</u> None	<u>Lab ID_Tes</u> NLS	<u>tcode</u> 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	10.5	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.0100	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		30	UKAS	SX	38
Magnesium	2.27	mg/l		0.3	UKAS	SX	38
Potassium	1.60	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20093795 - 1

Batch description: Aqueous Samples



Reported on: 26-May-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368727 Sampled on: 18-May-16 @ 07:45

Comments: Usington Out

Quote No: 7163		Matr	rix: Freshwat	er			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID Tes</u>	tcode
Nitrate as N	<10.4	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0120	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	10.4	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0110	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		30	UKAS	SX	38
Magnesium	2.27	mg/l		0.3	UKAS	SX	38
Potassium	1.63	mg/l		0.1	UKAS	SX	38



Final Report

Report ID - 20093795 - 1

Batch description: Aqueous Samples



Reported on: 26-May-2016

Vitacress Salads Ltd. 7163 Freshwater analysis Client: Project:

Quote Description: Freshwater analysis

Folder No: 003368728 Sampled on: 18-May-16 @ 07:55

Comments: Docklings In

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	<9.05	mg/l			None	NLS	864			
Orthophosphate, Filtered as P	<0.0100	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	9.05	mg/l		0.2	UKAS	SX	25			
Orthophosphate, reactive as P	<0.0100	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		30	UKAS	SX	38			
Magnesium	2.54	mg/l		0.3	UKAS	SX	38			
Potassium	1.24	mg/l		0.1	UKAS	SX	38			





Final Report

Report ID - 20093795 - 1

Batch description: Aqueous Samples



Reported on: 26-May-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368729 Sampled on: 18-May-16 @ 08:00

Comments: Dockings Out

Quote No: 7163		Mat	rix: Freshwa	ater			
<u>Analyte</u>	<u>Result</u>	<u>Units</u> <u>Flag</u>		<u>MRV</u>	<u>Accred</u>	<u>Lab ID_Tes</u>	tcode
Nitrate as N	8.15	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0330	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0134	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	8.16	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0340	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0453	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	4.47	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	59.2	ug/l		30	UKAS	SX	38
Magnesium	2.48	mg/l		0.3	UKAS	SX	38
Potassium	1.39	mg/l		0.1	UKAS	SX	38



Final Report

Report ID - 20093795 - 1

Batch description: Aqueous Samples



Reported on: 26-May-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368730 Sampled on: 18-May-16 @ 08:10

Comments: Manor In

Quote No: 7163		Matr	ix: Freshwat	er			
<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	<9.23	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.0100	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	9.23	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.0100	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		30	UKAS	SX	38
Magnesium	2.66	mg/l		0.3	UKAS	SX	38
Potassium	1.58	mg/l		0.1	UKAS	SX	38



Final Report

Report ID - 20093795 - 1

Batch description: Aqueous Samples



Reported on: 26-May-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368731 Sampled on: 18-May-16 @ 08:15

Comments: Manor Out

Quote No: 7163		Mat	rix: Freshw	ater			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<del></del>		<u>Accred</u>	Lab ID Tes	tcode
Nitrate as N	9.19	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.0100	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0443	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	9.23	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.0100	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0212	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	14.9	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	56.6	ug/l		30	UKAS	SX	38
Magnesium	2.63	mg/l		0.3	UKAS	SX	38
Potassium	1.26	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20093795 - 1

Batch description: Aqueous Samples



Reported on: 26-May-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368732 Sampled on: 18-May-16 @ 07:30

Comments: Abbotts Ann In

Quote No: 7163		Mat	rix: Freshwa	iter			
<u>Analyte</u>	<u>Result</u>	<u>Units</u> <u>Flag</u>		<u>MRV</u>	<u>Accred</u>	<u>Lab ID Tes</u>	tcode
Nitrate as N	<9.25	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.0100	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	9.25	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0210	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.0200	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		30	UKAS	SX	38
Magnesium	1.84	mg/l		0.3	UKAS	SX	38
Potassium	1.02	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20093795 - 1

Batch description: Aqueous Samples



Reported on: 26-May-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368733 Sampled on: 18-May-16 @ 07:40

Comments: Abbotts Ann Out

Quote No: 7163		Mat	rix: Freshw	ater			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>			<u>Accred</u>	Lab ID Tes	tcode
Nitrate as N	8.08	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0730	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0242	mg/l		0.004	UKAS	SX	25
Nitrogen: Total Oxidised as N	8.10	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0930	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.125	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	4.97	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	2.75	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20093795 - 1

Batch description: Aqueous Samples



Reported on: 26-May-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368734 Sampled on: 18-May-16 @ 08:10

Comments: St MaryBourne In

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	tcode			
Nitrate as N	<7.71	mg/l			None	NLS	864			
Orthophosphate, Filtered as P	0.0160	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	7.71	mg/l		0.2	UKAS	SX	25			
Orthophosphate, reactive as P	0.0180	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		30	UKAS	SX	38			
Magnesium	1.58	mg/l		0.3	UKAS	SX	38			
Potassium	0.883	mg/l		0.1	UKAS	SX	38			





Final Report

Report ID - 20093795 - 1

Batch description: Aqueous Samples



Reported on: 26-May-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368735 Sampled on: 18-May-16 @ 08:20

Comments: St MaryBourne Out

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	tcode			
Nitrate as N	5.62	mg/l			None	NLS	864			
Orthophosphate, Filtered as P	0.0950	mg/l		0.01	UKAS	SX	237			
Ammoniacal Nitrogen as N	0.0300	mg/l		0.03	UKAS	SX	25			
Nitrite as N	0.0118	mg/l		0.004	UKAS	SX	25			
Nitrogen : Total Oxidised as N	5.63	mg/l		0.2	UKAS	SX	25			
Orthophosphate, reactive as P	0.0980	mg/l		0.01	UKAS	SX	25			
Phosphate : Total as P	0.108	mg/l		0.02	UKAS	SX	235			
Solids, Suspended at 105 C	3.87	mg/l		3	UKAS	SX	869			
Zinc	<5	ug/l		5	UKAS	SX	34			
Iron	<30	ug/l		30	UKAS	SX	38			
Magnesium	1.82	mg/l		0.3	UKAS	SX	38			
Potassium	1.31	mg/l		0.1	UKAS	SX	38			

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Final Report

Report ID - 20093795 - 1

Batch description: Aqueous Samples



Reported on: 26-May-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368736 Sampled on: 18-May-16 @ 08:40

Comments: St MaryBourne In D Block

Quote No: 7163	Matrix: Freshwater								
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Units</u> <u>Flag</u>		<u>Accred</u>	Lab ID_Tes	stcode		
Nitrate as N	<6.78	mg/l			None	NLS	864		
Orthophosphate, Filtered as P	0.0240	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	6.78	mg/l		0.2	UKAS	SX	25		
Orthophosphate, reactive as P	0.0250	mg/l		0.01	UKAS	SX	25		
Phosphate : Total as P	0.0285	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	1.50	mg/l		0.3	UKAS	SX	38		
Potassium	0.912	mg/l		0.1	UKAS	SX	38		



Final Report

Report ID - 20093795 - 1

Batch description: Aqueous Samples



Reported on: 26-May-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368737 Sampled on: 18-May-16 @ 06:30

Comments: St MaryBourne Out D Block

Quote No: 7163	Matrix: Freshwater									
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Units</u> <u>Flag</u>		<u>Accred</u>	Lab ID Tes	tcode			
Nitrate as N	5.62	mg/l			None	NLS	864			
Orthophosphate, Filtered as P	0.297	mg/l		0.01	UKAS	SX	237			
Ammoniacal Nitrogen as N	0.0300	mg/l		0.03	UKAS	SX	25			
Nitrite as N	0.0377	mg/l		0.004	UKAS	SX	25			
Nitrogen : Total Oxidised as N	5.66	mg/l		0.2	UKAS	SX	25			
Orthophosphate, reactive as P	0.313	mg/l		0.01	UKAS	SX	25			
Phosphate : Total as P	0.402	mg/l		0.02	UKAS	SX	235			
Solids, Suspended at 105 C	4.92	mg/l		3	UKAS	SX	869			
Zinc	<5	ug/l		5	UKAS	SX	34			
Iron	<30	ug/l		30	UKAS	SX	38			
Magnesium	2.17	mg/l		0.3	UKAS	SX	38			
Potassium	3.85	mg/l		0.1	UKAS	SX	38			





Final Report

Report ID - 20093795 - 1

Batch description: Aqueous Samples



Reported on: 26-May-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368738 Sampled on: 18-May-16 @ 06:40

Comments: St Marybourne River

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	6.30	mg/l			None	NLS	864			
Orthophosphate, Filtered as P	0.0210	mg/l		0.01	UKAS	SX	237			
Ammoniacal Nitrogen as N	0.0300	mg/l		0.03	UKAS	SX	25			
Nitrite as N	0.00640	mg/l		0.004	UKAS	SX	25			
Nitrogen : Total Oxidised as N	6.31	mg/l		0.2	UKAS	SX	25			
Orthophosphate, reactive as P	0.0230	mg/l		0.01	UKAS	SX	25			
Phosphate : Total as P	0.0301	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	1.55	mg/l		0.3	UKAS	SX	38			
Potassium	0.845	mg/l		0.1	UKAS	SX	38			





Final Report

Report ID - 20093795 - 1

Batch description: Aqueous Samples



Reported on: 26-May-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368739 Sampled on: 18-May-16 @ 07:00

Comments: Pinglestone In

Quote No: 7163	Matrix: Freshwater									
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	tcode				
Nitrate as N	<7.20	mg/l			None	NLS	864			
Orthophosphate, Filtered as P	0.0200	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	7.20	mg/l		0.2	UKAS	SX	25			
Orthophosphate, reactive as P	0.0170	mg/l		0.01	UKAS	SX	25			
Phosphate : Total as P	0.0241	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	1.86	mg/l		0.3	UKAS	SX	38			
Potassium	0.962	mg/l		0.1	UKAS	SX	38			



Final Report

Report ID - 20093795 - 1

Batch description: Aqueous Samples



Reported on: 26-May-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368740 Sampled on: 18-May-16 @ 07:10

Comments: Pinglestone Out

Comments. I inglestone Out							
Quote No: 7163		Mat	rix: Freshw	ater			
<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	6.55	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.0100	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0264	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.58	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.0100	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0201	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	4.62	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	32.9	ug/l		30	UKAS	SX	38
Magnesium	1.85	mg/l		0.3	UKAS	SX	38
Potassium	0.979	mg/l		0.1	UKAS	SX	38
		_					

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Final Report

Report ID - 20093795 - 1

Batch description: Aqueous Samples



Reported on: 26-May-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368741 Sampled on: 18-May-16 @ 07:20

Comments: Warnford In

Quote No: 7163	Matrix: Freshwater									
<u>Analyte</u>	<u>Result</u>	<u>Units</u> <u>Flag</u>		<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u> <u>Tes</u>	tcode			
Nitrate as N	<7.46	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	7.46	mg/l		0.2	UKAS	SX	25			
Orthophosphate, reactive as P	0.0130	mg/l		0.01	UKAS	SX	25			
Phosphate : Total as P	<0.0200	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		30	UKAS	SX	38			
Magnesium	2.03	mg/l		0.3	UKAS	SX	38			
Potassium	0.836	mg/l		0.1	UKAS	SX	38			





Final Report

Report ID - 20093795 - 1

Batch description: Aqueous Samples



Reported on: 26-May-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368742 Sampled on: 18-May-16 @ 08:50

Comments: Warnford Out

Quote No: 7163	Matrix: Freshwater									
<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	6.68	mg/l			None	NLS	864			
Orthophosphate, Filtered as P	0.0220	mg/l		0.01	UKAS	SX	237			
Ammoniacal Nitrogen as N	0.0300	mg/l		0.03	UKAS	SX	25			
Nitrite as N	0.0590	mg/l		0.004	UKAS	SX	25			
Nitrogen : Total Oxidised as N	6.74	mg/l		0.2	UKAS	SX	25			
Orthophosphate, reactive as P	<0.0100	mg/l		0.01	UKAS	SX	25			
Phosphate : Total as P	0.692	mg/l		0.02	UKAS	SX	235			
Solids, Suspended at 105 C	122	mg/l		3	UKAS	SX	869			
Zinc	<5	ug/l		5	UKAS	SX	34			
Iron	89.2	ug/l		30	UKAS	SX	38			
Magnesium	2.19	mg/l		0.3	UKAS	SX	38			
Potassium	1.27	mg/l		0.1	UKAS	SX	38			



Final Report

Report ID - 20093795 - 1

Batch description: Aqueous Samples



Reported on: 26-May-2016

#### Method Description Summary for all samples in batch Number 20093795

- 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
- 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.

Minimum Reporting Value (MRV). A minimum concentration selected for reporting purposes (i.e. the less than value), which is higher than the statistically derived method limit of detection.

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** 





Final Report

Report ID - 20095367 - 1

Batch description: Aqueous samples



Reported on: 30-Jun-2016

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

Dear Doreen

Please find attached the results for the batch of 21 samples described below.

Samples Registered on:23-Jun-2016Analysis Started on:23-Jun-2016Analysis Completed on:30-Jun-2016Results for Batch Number20095367Your Purchase Order Number:B10031422

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.





Final Report

Report ID - 20095367 - 1

Batch description: Aqueous samples



Reported on: 30-Jun-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368743 Sampled on: 22-Jun-16 @ 07:00

Comments: Spetisbury In.

Quote No: 7163 Matrix: Freshwater **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N <11.0 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.0150 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N < 0.00400 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 11.0 0.2 UKAS SX 25 mg/l Orthophosphate, reactive as P 0.0130 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.02 SX 235 < 0.0200 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l QB <30 30 **UKAS** SX 38 Iron ug/l Magnesium 2.28 0.3 **UKAS** SX 38 mg/l 0.1 Potassium 1.84 mg/l **UKAS** SX 38



Final Report

Report ID - 20095367 - 1

Batch description: Aqueous samples



Reported on: 30-Jun-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368744 Sampled on: 22-Jun-16 @ 07:10

Comments: Spetisbury Out.

Quote No: 7163	Matrix: Freshwater									
<u>Analyte</u> Nitrate as N	<u>Result</u> 9.64	<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			
Orthophosphate, Filtered as P	<0.0100	mg/l		0.01	UKAS	SX	237			
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25			
Nitrite as N	0.0158	mg/l		0.004	UKAS	SX	25			
Nitrogen : Total Oxidised as N	9.66	mg/l		0.2	UKAS	SX	25			
Orthophosphate, reactive as P	<0.0100	mg/l		0.01	UKAS	SX	25			
Phosphate : Total as P	0.0409	mg/l		0.02	UKAS	SX	235			
Solids, Suspended at 105 C	6.45	mg/l		3	UKAS	SX	869			
Zinc	<5	ug/l		5	UKAS	SX	34			
Iron	68.2	ug/l		30	UKAS	SX	38			
Magnesium	2.33	mg/l		0.3	UKAS	SX	38			
Potassium	1.40	mg/l		0.1	UKAS	SX	38			

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Final Report

Report ID - 20095367 - 1

Batch description: Aqueous samples



Reported on: 30-Jun-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368745 Sampled on: 22-Jun-16 @ 07:35

Comments: Hollybush In.

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	tcode				
Nitrate as N	<12.7	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	<0.00400	mg/l		0.004	UKAS	SX	25				
Nitrogen : Total Oxidised as N	12.7	mg/l		0.2	UKAS	SX	25				
Orthophosphate, reactive as P	0.0140	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		30	UKAS	SX	38				
Magnesium	2.66	mg/l		0.3	UKAS	SX	38				
Potassium	0.906	mg/l		0.1	UKAS	SX	38				

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Final Report

Report ID - 20095367 - 1

Batch description: Aqueous samples



Reported on: 30-Jun-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368746 Sampled on: 22-Jun-16 @ 07:45

Comments: Hollybush Out.

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	tcode			
Nitrate as N	10.9	mg/l			None	NLS	864			
Orthophosphate, Filtered as P	<0.0100	mg/l		0.01	UKAS	SX	237			
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25			
Nitrite as N	0.0143	mg/l		0.004	UKAS	SX	25			
Nitrogen : Total Oxidised as N	10.9	mg/l		0.2	UKAS	SX	25			
Orthophosphate, reactive as P	<0.0100	mg/l		0.01	UKAS	SX	25			
Phosphate : Total as P	0.159	mg/l		0.02	UKAS	SX	235			
Solids, Suspended at 105 C	20.7	mg/l		3	UKAS	SX	869			
Zinc	<5	ug/l		5	UKAS	SX	34			
Iron	<30	ug/l		30	UKAS	SX	38			
Magnesium	2.29	mg/l		0.3	UKAS	SX	38			
Potassium	1.07	mg/l		0.1	UKAS	SX	38			

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Final Report

Report ID - 20095367 - 1

Batch description: Aqueous samples



Reported on: 30-Jun-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368747 Sampled on: 22-Jun-16 @ 08:00

Comments: Ilsington In.

Quote No: 7163	Matrix: Freshwater									
<u>Analyte</u>	<u>Result</u>	<u>Units Flag MRV Accred</u>				Lab ID Testcode				
Nitrate as N	<10.7	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	<0.00400	mg/l		0.004	UKAS	SX	25			
Nitrogen: Total Oxidised as N	10.7	mg/l		0.2	UKAS	SX	25			
Orthophosphate, reactive as P	0.0140	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	2.24	mg/l		0.3	UKAS	SX	38			
Potassium	1.72	mg/l		0.1	UKAS	SX	38			



Final Report

Report ID - 20095367 - 1

Batch description: Aqueous samples



Reported on: 30-Jun-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368748 Sampled on: 22-Jun-16 @ 07:10

Comments: Ilsington Out.

Quote No: 7163		Matr	ix: Freshwat	er			
<u>Analyte</u>	<u>Result</u>	<u>Units Flag MRV Accre</u>		<u>Accred</u>	Lab ID Testcode		
Nitrate as N	8.97	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.0100	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0234	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	8.99	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.0100	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0321	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	66.4	ug/l	QB	30	UKAS	SX	38
Magnesium	2.29	mg/l		0.3	UKAS	SX	38
Potassium	1.37	mg/l		0.1	UKAS	SX	38

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Final Report

Report ID - 20095367 - 1

Batch description: Aqueous samples



Reported on: 30-Jun-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368749 Sampled on: 22-Jun-16 @ 07:25

Comments: Doddenys In.

Quote No: 7163		Mat	rix: Freshw	ater				
<u>Analyte</u>	<u>Result</u>	<u>Units</u> <u>Flag</u>		<u>MRV</u>	<u>Accred</u>	Lab ID Testcode		
Nitrate as N	<9.56	mg/l			None	NLS	864	
Orthophosphate, Filtered as P	<0.0100	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	9.56	mg/l		0.2	UKAS	SX	25	
Orthophosphate, reactive as P	<0.0100	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		30	UKAS	SX	38	
Magnesium	2.62	mg/l		0.3	UKAS	SX	38	
Potassium	1.19	mg/l		0.1	UKAS	SX	38	

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Final Report

Report ID - 20095367 - 1

Batch description: Aqueous samples



Reported on: 30-Jun-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368750 Sampled on: 22-Jun-16 @ 07:30

Comments: Doddenys Out.

Quote No: 7163	Matrix: Freshwater										
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Units                                    </u>		<u>Accred</u>	Lab ID Tes	tcode				
Nitrate as N	10.2	mg/l			None	NLS	864				
Orthophosphate, Filtered as P	0.214	mg/l		0.01	UKAS	SX	237				
Ammoniacal Nitrogen as N	0.159	mg/l		0.03	UKAS	SX	25				
Nitrite as N	0.0213	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	0.235	mg/l		0.01	UKAS	SX	25				
Phosphate : Total as P	0.268	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	2.87	mg/l		0.3	UKAS	SX	38				
Potassium	5.19	mg/l		0.1	UKAS	SX	38				



Final Report

Report ID - 20095367 - 1

Batch description: Aqueous samples



Reported on: 30-Jun-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368751 Sampled on: 22-Jun-16 @ 07:50

Comments: Manor Out.

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	9.88	mg/l			None	NLS	864			
Orthophosphate, Filtered as P	0.245	mg/l		0.01	UKAS	SX	237			
Ammoniacal Nitrogen as N	0.157	mg/l		0.03	UKAS	SX	25			
Nitrite as N	0.0209	mg/l		0.004	UKAS	SX	25			
Nitrogen : Total Oxidised as N	9.90	mg/l		0.2	UKAS	SX	25			
Orthophosphate, reactive as P	0.235	mg/l		0.01	UKAS	SX	25			
Phosphate : Total as P	0.261	mg/l		0.02	UKAS	SX	235			
Solids, Suspended 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	2.87	mg/l		0.3	UKAS	SX	38			
Potassium	5.21	mg/l		0.1	UKAS	SX	38			



Final Report

Report ID - 20095367 - 1

Batch description: Aqueous samples



Reported on: 30-Jun-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368752 Sampled on: 22-Jun-16 @ 08:10

Comments: Manor In.

Quote No: 7163		Matr	ix: Freshwat	er			
<u>Analyte</u>	<u>Result</u>	<u>Units                                    </u>		<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u> <u>Tes</u>	tcode
Nitrate as N	<12.1	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0170	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	12.1	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0110	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		30	UKAS	SX	38
Magnesium	2.72	mg/l		0.3	UKAS	SX	38
Potassium	2.43	mg/l		0.1	UKAS	SX	38



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Final Report

Report ID - 20095367 - 1

Batch description: Aqueous samples



Reported on: 30-Jun-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368753 Sampled on: 22-Jun-16 @ 06:30

Comments: Abbotts Ann In.

Quote No: 7163		Matr	rix: Freshwat	er			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u> <u>Tes</u>	tcode
Nitrate as N	<7.40	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0120	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	7.40	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.0100	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		30	UKAS	SX	38
Magnesium	1.67	mg/l		0.3	UKAS	SX	38
Potassium	0.754	mg/l		0.1	UKAS	SX	38



Final Report

Report ID - 20095367 - 1

Batch description: Aqueous samples



Reported on: 30-Jun-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368754 Sampled on: 22-Jun-16 @ 06:40

Comments: Abbotts Ann Out.

Quote No: 7163	Matrix: Freshwater									
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>Flag</u> <u>MRV</u> <u>Accred</u>		Lab ID Testcode				
Nitrate as N	8.47	mg/l			None	NLS	864			
Orthophosphate, Filtered as P	0.301	mg/l		0.01	UKAS	SX	237			
Ammoniacal Nitrogen as N	0.513	mg/l		0.03	UKAS	SX	25			
Nitrite as N	0.0162	mg/l		0.004	UKAS	SX	25			
Nitrogen : Total Oxidised as N	8.49	mg/l		0.2	UKAS	SX	25			
Orthophosphate, reactive as P	0.470	mg/l		0.01	UKAS	SX	25			
Phosphate : Total as P	0.609	mg/l		0.02	UKAS	SX	235			
Solids, Suspended at 105 C	6.35	mg/l		3	UKAS	SX	869			
Zinc	<5	ug/l		5	UKAS	SX	34			
Iron	<30	ug/l		30	UKAS	SX	38			
Magnesium	1.99	mg/l		0.3	UKAS	SX	38			
Potassium	12.0	mg/l		0.1	UKAS	SX	38			

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Final Report

Report ID - 20095367 - 1

Batch description: Aqueous samples



Reported on: 30-Jun-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368755 Sampled on: 22-Jun-16 @ 07:00

Comments: St Marybourne In. B Block.

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	tcode			
Nitrate as N	<7.01	mg/l			None	NLS	864			
Orthophosphate, Filtered as P	0.0400	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	7.01	mg/l		0.2	UKAS	SX	25			
Orthophosphate, reactive as P	0.0470	mg/l		0.01	UKAS	SX	25			
Phosphate : Total as P	0.0593	mg/l		0.02	UKAS	SX	235			
Solids, Suspended at 105 C	5.60	mg/l		3	UKAS	SX	869			
Zinc	<5	ug/l		5	UKAS	SX	34			
Iron	137	ug/l		30	UKAS	SX	38			
Magnesium	1.72	mg/l		0.3	UKAS	SX	38			
Potassium	1.47	mg/l		0.1	UKAS	SX	38			





Final Report

Report ID - 20095367 - 1

Batch description: Aqueous samples



Reported on: 30-Jun-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368756 Sampled on: 22-Jun-16 @ 07:10

Comments: St Marybourne Out. B Block.

Matrix: Freshwater								
<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	tcode			
mg/l			None	NLS	864			
mg/l		0.01	UKAS	SX	237			
0 mg/l		0.03	UKAS	SX	25			
1 mg/l		0.004	UKAS	SX	25			
mg/l		0.2	UKAS	SX	25			
mg/l		0.01	UKAS	SX	25			
mg/l		0.02	UKAS	SX	235			
mg/l		3	UKAS	SX	869			
ug/l		5	UKAS	SX	34			
ug/l	QB	30	UKAS	SX	38			
mg/l		0.3	UKAS	SX	38			
mg/l		0.1	UKAS	SX	38			
	mg/l mg/l o mg/l 1 mg/l mg/l mg/l mg/l mg/l mg/l ug/l ug/l mg/l	Munits Flag mg/l mg/l 0 mg/l 1 mg/l mg/l mg/l mg/l mg/l mg/l mg/l ug/l ug/l ug/l	Units   Flag   MRV   mg/l	Units   Flag   MRV   Accred   None   mg/l   0.01   UKAS   UKAS   UKAS   UKAS   mg/l   0.02   UKAS   mg/l   0.04   UKAS   ug/l   5   UKAS   ug/l   QB   30   UKAS   mg/l   0.3   UKAS   0.3	Units         Flag         MRV         Accred         Lab ID Tes           mg/l         0.01         UKAS         SX           0         mg/l         0.03         UKAS         SX           1         mg/l         0.004         UKAS         SX           mg/l         0.01         UKAS         SX           mg/l         0.01         UKAS         SX           mg/l         0.02         UKAS         SX           mg/l         3         UKAS         SX           ug/l         5         UKAS         SX           mg/l         0.3         UKAS         SX           mg/l         0.3         UKAS         SX			





Final Report

Report ID - 20095367 - 1

Batch description: Aqueous samples



Reported on: 30-Jun-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368757 Sampled on: 22-Jun-16 @ 07:15

Comments: St Marybourne In. D Block.

Quote No: 7163 Matrix: Freshwater **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N <6.90 None NLS 864 mg/l Orthophosphate, Filtered as P 0.0260 0.01 **UKAS** SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N < 0.00400 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 0.2 UKAS SX 25 6.90 mg/l Orthophosphate, reactive as P 0.0250 0.01 **UKAS** SX 25 mq/l Phosphate: Total as P 0.02 SX 235 0.0262 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 1.62 0.3 **UKAS** SX 38 mg/l 0.1 Potassium 0.863 mg/l **UKAS** SX 38

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Final Report

Report ID - 20095367 - 1

Batch description: Aqueous samples



Reported on: 30-Jun-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368758 Sampled on: 22-Jun-16 @ 07:20

Comments: St Marybourne Out. D Block.

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	4.91	mg/l			None	NLS	864				
Orthophosphate, Filtered as P	0.0350	mg/l		0.01	UKAS	SX	237				
Ammoniacal Nitrogen as N	< 0.0300	mg/l		0.03	UKAS	SX	25				
Nitrite as N	0.00920	mg/l		0.004	UKAS	SX	25				
Nitrogen: Total Oxidised as N	4.92	mg/l		0.2	UKAS	SX	25				
Orthophosphate, reactive as P	0.0360	mg/l		0.01	UKAS	SX	25				
Phosphate : Total as P	0.0436	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	1.63	mg/l		0.3	UKAS	SX	38				
Potassium	<0.1	mg/l		0.1	UKAS	SX	38				



Final Report

Report ID - 20095367 - 1

Batch description: Aqueous samples



Reported on: 30-Jun-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368759 Sampled on: 22-Jun-16 @ 07:30

Comments: St Marybourne River.

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	tcode			
Nitrate as N	6.19	mg/l			None	NLS	864			
Orthophosphate, Filtered as P	0.0340	mg/l		0.01	UKAS	SX	237			
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25			
Nitrite as N	0.00870	mg/l		0.004	UKAS	SX	25			
Nitrogen : Total Oxidised as N	6.20	mg/l		0.2	UKAS	SX	25			
Orthophosphate, reactive as P	0.0320	mg/l		0.01	UKAS	SX	25			
Phosphate : Total as P	0.0379	mg/l		0.02	UKAS	SX	235			
Solids, Suspended 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	1.61	mg/l		0.3	UKAS	SX	38			
Potassium	0.823	mg/l		0.1	UKAS	SX	38			

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Final Report

Report ID - 20095367 - 1

Batch description: Aqueous samples



Reported on: 30-Jun-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368760 Sampled on: 22-Jun-16 @ 08:10

Comments: Pinglestone In.

Quote No: 7163		Mat	rix: Freshw	ater			
<u>Analyte</u> Nitrate as N	<u>Result</u> <7.00	<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
Orthophosphate, Filtered as P	0.0280	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	7.00	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0250	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0272	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	1.87	mg/l		0.3	UKAS	SX	38
Potassium	0.923	mg/l		0.1	UKAS	SX	38



Final Report

Report ID - 20095367 - 1

Batch description: Aqueous samples



Reported on: 30-Jun-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368761 Sampled on: 22-Jun-16 @ 08:15

Comments: Pinglestone Out.

Quote No: 7163	Matrix: Freshwater									
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Units</u> <u>Flag</u>		<u>Accred</u>	Lab ID Tes	tcode			
Nitrate as N	6.76	mg/l			None	NLS	864			
Orthophosphate, Filtered as P	0.0170	mg/l		0.01	UKAS	SX	237			
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25			
Nitrite as N	0.00920	mg/l		0.004	UKAS	SX	25			
Nitrogen: Total Oxidised as N	6.77	mg/l		0.2	UKAS	SX	25			
Orthophosphate, reactive as P	0.0150	mg/l		0.01	UKAS	SX	25			
Phosphate : Total as P	0.0282	mg/l		0.02	UKAS	SX	235			
Solids, Suspended at 105 C	5.20	mg/l		3	UKAS	SX	869			
Zinc	<5	ug/l		5	UKAS	SX	34			
Iron	59.8	ug/l		30	UKAS	SX	38			
Magnesium	1.87	mg/l		0.3	UKAS	SX	38			
Potassium	0.821	mg/l		0.1	UKAS	SX	38			



Final Report

Report ID - 20095367 - 1

Batch description: Aqueous samples



Reported on: 30-Jun-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368762 Sampled on: 22-Jun-16 @ 08:35

Comments: Warnford In. Winchester Rd.

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	<8.25	mg/l			None	NLS	864			
Orthophosphate, Filtered as P	0.0190	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	8.25	mg/l		0.2	UKAS	SX	25			
Orthophosphate, reactive as P	0.0180	mg/l		0.01	UKAS	SX	25			
Phosphate : Total as P	0.0202	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	2.24	mg/l		0.3	UKAS	SX	38			
Potassium	0.681	mg/l		0.1	UKAS	SX	38			





Final Report

Report ID - 20095367 - 1

Batch description: Aqueous samples



Reported on: 30-Jun-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368763 Sampled on: 22-Jun-16 @ 08:45

Comments: Warnford Out. Winchester Rd.

Matrix: Freshwater								
<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	tcode		
7.14	mg/l			None	NLS	864		
0.0130	mg/l		0.01	UKAS	SX	237		
0.0540	mg/l		0.03	UKAS	SX	25		
0.0723	mg/l		0.004	UKAS	SX	25		
7.21	mg/l		0.2	UKAS	SX	25		
0.0130	mg/l		0.01	UKAS	SX	25		
0.0258	mg/l		0.02	UKAS	SX	235		
<3	mg/l		3	UKAS	SX	869		
<5	ug/l		5	UKAS	SX	34		
<30	ug/l		30	UKAS	SX	38		
2.07	mg/l		0.3	UKAS	SX	38		
0.678	mg/l		0.1	UKAS	SX	38		
	7.14 0.0130 0.0540 0.0723 7.21 0.0130 0.0258 <3 <5 <30 2.07	Result         Units           7.14         mg/l           0.0130         mg/l           0.0540         mg/l           0.0723         mg/l           7.21         mg/l           0.0130         mg/l           0.0258         mg/l           <3	Result         Units         Flag           7.14         mg/l         0.0130         mg/l           0.0540         mg/l         0.0723         mg/l           7.21         mg/l         0.0130         mg/l           0.0258         mg/l         <3	Result         Units         Flag         MRV           7.14         mg/l         0.01           0.0540         mg/l         0.03           0.0723         mg/l         0.004           7.21         mg/l         0.2           0.0130         mg/l         0.01           0.0258         mg/l         0.02           <3	Result         Units         Flag         MRV         Accred           7.14         mg/l         0.01         UKAS           0.0540         mg/l         0.03         UKAS           0.0723         mg/l         0.004         UKAS           7.21         mg/l         0.2         UKAS           0.0130         mg/l         0.01         UKAS           0.0258         mg/l         0.02         UKAS           <3	Result         Units         Flag         MRV         Accred         Lab ID_Tes           7.14         mg/l         0.01         UKAS         SX           0.0130         mg/l         0.03         UKAS         SX           0.0540         mg/l         0.03         UKAS         SX           0.0723         mg/l         0.004         UKAS         SX           7.21         mg/l         0.2         UKAS         SX           0.0130         mg/l         0.01         UKAS         SX           0.0258         mg/l         0.02         UKAS         SX           <3		



Final Report

Report ID - 20095367 - 1

Batch description: Aqueous samples



Reported on: 30-Jun-2016

#### Method Description Summary for all samples in batch Number 20095367

- 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
- 35 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.

Minimum Reporting Value (MRV). A minimum concentration selected for reporting purposes (i.e. the less than value), which is higher than the statistically derived method limit of detection.

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** 





Final Report

Report ID - 20096767 - 1

Batch description: Aqueous samples for analysis



Reported on: 27-Jul-2016

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

Dear Doreen

Please find attached the results for the batch of 21 samples described below.

Samples Registered on:21-Jul-2016Analysis Started on:21-Jul-2016Analysis Completed on:27-Jul-2016Results for Batch Number20096767Your Purchase Order Number:B10031422

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.



Final Report

Report ID - 20096767 - 1

Batch description: Aqueous samples for analysis



Reported on: 27-Jul-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368764 Sampled on: 20-Jul-16 @ 06:30

Comments: Spetisbury In

	Mat	rix: Freshw	ater			
<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	tcode
<10.7	mg/l			None	NLS	864
0.0120	mg/l		0.01	UKAS	SX	237
<0.0300	mg/l	QB	0.03	UKAS	SX	25
<0.00400	mg/l		0.004	UKAS	SX	25
10.7	mg/l		0.2	UKAS	SX	25
0.0130	mg/l		0.01	UKAS	SX	25
<0.0200	mg/l		0.02	UKAS	SX	235
<3	mg/l		3	UKAS	SX	869
<5	ug/l		5	UKAS	SX	34
<30	ug/l		30	UKAS	SX	38
2.35	mg/l		0.3	UKAS	SX	38
1.82	mg/l		0.1	UKAS	SX	38
	<10.7 0.0120 <0.0300 <0.00400 10.7 0.0130 <0.0200 <3 <5 <30 2.35	Result         Units           <10.7	Result         Units         Flag           <10.7	Result         Units         Flag         MRV           <10.7	Result         Units         Flag         MRV         Accred           <10.7	Result         Units         Flag         MRV         Accred         Lab ID_Test           <10.7

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Final Report

Report ID - 20096767 - 1

Batch description: Aqueous samples for analysis



Reported on: 27-Jul-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368765 Sampled on: 20-Jul-16 @ 06:40

Comments: Spetisbury Out

Quote No: 7163		Mat	rix: Freshwa	ter			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u> <u>Tes</u>	tcode
Nitrate as N	8.81	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0200	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.145	mg/l	QB	0.03	UKAS	SX	25
Nitrite as N	0.0558	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	8.87	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0200	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0344	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	2.60	mg/l		0.3	UKAS	SX	38
Potassium	2.19	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20096767 - 1

Batch description: Aqueous samples for analysis



Reported on: 27-Jul-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368766 Sampled on: 20-Jul-16 @ 07:00

Comments: Hollybush In

Quote No: 7163		Mat	rix: Freshw	/ater			
<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	<12.4	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0110	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l	QB	0.03	UKAS	SX	25
Nitrite as N	<0.00400	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	12.4	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.0100	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		30	UKAS	SX	38
Magnesium	2.43	mg/l		0.3	UKAS	SX	38
Potassium	1.30	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20096767 - 1

Batch description: Aqueous samples for analysis



Reported on: 27-Jul-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368767 Sampled on: 20-Jul-16 @ 07:15

Comments: Hollybush Out

Quote No: 7163		Mat	rix: Freshv	/ater			
<u>Analyte</u>	<u>Result</u>	<u>Units</u> <u>Flag</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Testcode	
Nitrate as N	8.77	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.0100	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.0450	mg/l	QB	0.03	UKAS	SX	25
Nitrite as N	0.0824	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	8.85	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.0100	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	50.8	ug/l		30	UKAS	SX	38
Magnesium	2.75	mg/l		0.3	UKAS	SX	38
Potassium	0.222	mg/l		0.1	UKAS	SX	38

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Final Report

Report ID - 20096767 - 1

Batch description: Aqueous samples for analysis



Reported on: 27-Jul-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368768 Sampled on: 20-Jul-16 @ 07:20

Comments: Doddings In

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	tcode		
Nitrate as N	<9.80	mg/l			None	NLS	864		
Orthophosphate, Filtered as P	<0.0100	mg/l		0.01	UKAS	SX	237		
Ammoniacal Nitrogen as N	<0.0300	mg/l	QB	0.03	UKAS	SX	25		
Nitrite as N	<0.00400	mg/l		0.004	UKAS	SX	25		
Nitrogen : Total Oxidised as N	9.80	mg/l		0.2	UKAS	SX	25		
Orthophosphate, reactive as P	<0.0100	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		30	UKAS	SX	38		
Magnesium	2.74	mg/l		0.3	UKAS	SX	38		
Potassium	1.19	mg/l		0.1	UKAS	SX	38		

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Final Report

Report ID - 20096767 - 1

Batch description: Aqueous samples for analysis



Reported on: 27-Jul-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368769 Sampled on: 20-Jul-16 @ 07:55

Comments: Doddings Out

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 Testcode			
Nitrate as N	9.34	mg/l			None	NLS	864		
Orthophosphate, Filtered as P	0.0160	mg/l		0.01	UKAS	SX	237		
Ammoniacal Nitrogen as N	<0.0300	mg/l	QB	0.03	UKAS	SX	25		
Nitrite as N	0.0119	mg/l		0.004	UKAS	SX	25		
Nitrogen : Total Oxidised as N	9.35	mg/l		0.2	UKAS	SX	25		
Orthophosphate, reactive as P	0.0150	mg/l		0.01	UKAS	SX	25		
Phosphate : Total as P	0.0218	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	99.0	ug/l		30	UKAS	SX	38		
Magnesium	2.71	mg/l		0.3	UKAS	SX	38		
Potassium	1.41	mg/l		0.1	UKAS	SX	38		

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Final Report

Report ID - 20096767 - 1

Batch description: Aqueous samples for analysis



Reported on: 27-Jul-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368770 Sampled on: 20-Jul-16 @ 08:05

Comments: Manor Out

Quote No: 7163		Mat	rix: Freshv	vater			
<u>Analyte</u>	<u>Result</u>	<u>Units</u> <u>Flag</u>		<u>MRV</u>	<u>Accred</u>	Lab ID Tes	
Nitrate as N	9.09	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	QB	0.03	UKAS	SX	25
Nitrite as N	0.0121	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	9.10	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0150	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0257	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	93.9	ug/l		30	UKAS	SX	38
Magnesium	2.68	mg/l		0.3	UKAS	SX	38
Potassium	1.40	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20096767 - 1

Batch description: Aqueous samples for analysis



Reported on: 27-Jul-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368771 Sampled on: 20-Jul-16 @ 08:35

Comments: Islington In

Quote No: 7163	Matrix: Freshwater								
Analyte Nitrate as N	<u>Result</u> <10.6	<u>Units</u> mg/l	<u>Flag</u>	<u>MRV</u>	<u>Accred</u> None	<u>Lab ID_Tes</u> NLS	<u>tcode</u> 864		
Orthophosphate, Filtered as P	0.0120	mg/l		0.01	UKAS	SX	237		
Ammoniacal Nitrogen as N	<0.0300	mg/l	QB	0.03	UKAS	SX	25		
Nitrite as N	<0.00400	mg/l		0.004	UKAS	SX	25		
Nitrogen : Total Oxidised as N	10.6	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		30	UKAS	SX	38		
Magnesium	2.31	mg/l		0.3	UKAS	SX	38		
Potassium	1.75	mg/l		0.1	UKAS	SX	38		



Final Report

Report ID - 20096767 - 1

Batch description: Aqueous samples for analysis



Reported on: 27-Jul-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368772 Sampled on: 20-Jul-16 @ 08:40

Comments: Islington Out

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	tcode		
Nitrate as N	7.87	mg/l			None	NLS	864		
Orthophosphate, Filtered as P	0.0250	mg/l		0.01	UKAS	SX	237		
Ammoniacal Nitrogen as N	0.235	mg/l	QB	0.03	UKAS	SX	25		
Nitrite as N	0.0844	mg/l		0.004	UKAS	SX	25		
Nitrogen : Total Oxidised as N	7.95	mg/l		0.2	UKAS	SX	25		
Orthophosphate, reactive as P	0.0260	mg/l		0.01	UKAS	SX	25		
Phosphate : Total as P	0.0562	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	2.71	mg/l		0.3	UKAS	SX	38		
Potassium	2.40	mg/l		0.1	UKAS	SX	38		

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Final Report

Report ID - 20096767 - 1

Batch description: Aqueous samples for analysis



Reported on: 27-Jul-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368773 Sampled on: 20-Jul-16 @ 09:00

Comments: Manor Out

Quote No: 7163		Mat	rix: Freshw	/ater			
<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	<11.5	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.0100	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l	QB	0.03	UKAS	SX	25
Nitrite as N	<0.00400	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	0.0100	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		30	UKAS	SX	38
Magnesium	2.52	mg/l		0.3	UKAS	SX	38
Potassium	2.05	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20096767 - 1

Batch description: Aqueous samples for analysis



Reported on: 27-Jul-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368774 Sampled on: 20-Jul-16 @ 06:00

Comments: Abbotts Ann In

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	tcode		
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	<0.0300	mg/l	QB	0.03	UKAS	SX	25		
Nitrite as N	<0.00400	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	0.0120	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		30	UKAS	SX	38		
Magnesium	1.84	mg/l		0.3	UKAS	SX	38		
Potassium	0.882	mg/l		0.1	UKAS	SX	38		





Final Report

Report ID - 20096767 - 1

Batch description: Aqueous samples for analysis



Reported on: 27-Jul-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368775 Sampled on: 20-Jul-16 @ 06:10

Comments: Abbotts Ann Out

Quote No: 7163		Matr	ix: Freshwat	er			
Analyte Nitrate as N	<u>Result</u> 7.29	<u>Units</u> mg/l	<u>Flag</u>	<u>MRV</u>	<u>Accred</u> None	<u>Lab ID_Tes</u> NLS	<u>tcode</u> 864
Orthophosphate, Filtered as P	0.270	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.291	mg/l	QB	0.03	UKAS	SX	25
Nitrite as N	0.0433	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	7.33	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.296	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.427	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	9.27	mg/l		3	UKAS	SX	869
Zinc	5.60	ug/l		5	UKAS	SX	34
Iron	129	ug/l		30	UKAS	SX	38
Magnesium	2.49	mg/l		0.3	UKAS	SX	38
Potassium	9.89	mg/l		0.1	UKAS	SX	38



Final Report

Report ID - 20096767 - 1

Batch description: Aqueous samples for analysis



Reported on: 27-Jul-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368776 Sampled on: 20-Jul-16 @ 06:30

Comments: St Marybourne In. B Block

Quote No: 7163	Matrix: Freshwater								
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID Tes</u>	tcode		
Nitrate as N	6.89	mg/l			None	NLS	864		
Orthophosphate, Filtered as P	0.0430	mg/l		0.01	UKAS	SX	237		
Ammoniacal Nitrogen as N	0.0300	mg/l	QB	0.03	UKAS	SX	25		
Nitrite as N	0.00490	mg/l		0.004	UKAS	SX	25		
Nitrogen : Total Oxidised as N	6.89	mg/l		0.2	UKAS	SX	25		
Orthophosphate, reactive as P	0.0440	mg/l		0.01	UKAS	SX	25		
Phosphate : Total as P	0.0594	mg/l		0.02	UKAS	SX	235		
Solids, Suspended at 105 C	3.67	mg/l		3	UKAS	SX	869		
Zinc	<5	ug/l		5	UKAS	SX	34		
Iron	72.0	ug/l		30	UKAS	SX	38		
Magnesium	1.71	mg/l		0.3	UKAS	SX	38		
Potassium	1.45	mg/l		0.1	UKAS	SX	38		



Final Report

Report ID - 20096767 - 1

Batch description: Aqueous samples for analysis



Reported on: 27-Jul-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368777 Sampled on: 20-Jul-16 @ 06:40

Comments: St Marybourne Out. B Block

Matrix: Freshwater								
<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	tcode		
5.72	mg/l			None	NLS	864		
0.0670	mg/l		0.01	UKAS	SX	237		
0.0900	mg/l	QB	0.03	UKAS	SX	25		
0.0624	mg/l		0.004	UKAS	SX	25		
5.78	mg/l		0.2	UKAS	SX	25		
0.0850	mg/l		0.01	UKAS	SX	25		
0.144	mg/l		0.02	UKAS	SX	235		
5.27	mg/l		3	UKAS	SX	869		
<5	ug/l		5	UKAS	SX	34		
44.2	ug/l		30	UKAS	SX	38		
1.75	mg/l		0.3	UKAS	SX	38		
1.99	mg/l		0.1	UKAS	SX	38		
	5.72 0.0670 0.0900 0.0624 5.78 0.0850 0.144 5.27 <5 44.2	Result         Units           5.72         mg/l           0.0670         mg/l           0.0900         mg/l           0.0624         mg/l           5.78         mg/l           0.0850         mg/l           0.144         mg/l           5.27         mg/l           <5	Result         Units         Flag           5.72         mg/l         0.0670         mg/l           0.0900         mg/l         QB           0.0624         mg/l         0.0850         mg/l           0.0850         mg/l         0.144         mg/l           5.27         mg/l         44.2         ug/l           44.2         ug/l         1.75         mg/l	Result         Units         Flag         MRV           5.72         mg/l         0.01           0.0670         mg/l         0.01           0.0900         mg/l         0.03           0.0624         mg/l         0.004           5.78         mg/l         0.2           0.0850         mg/l         0.01           0.144         mg/l         0.02           5.27         mg/l         3           <5	Result         Units         Flag         MRV         Accred           5.72         mg/l         0.01         UKAS           0.0670         mg/l         0.01         UKAS           0.0900         mg/l         0.03         UKAS           0.0624         mg/l         0.004         UKAS           5.78         mg/l         0.2         UKAS           0.0850         mg/l         0.01         UKAS           0.144         mg/l         0.02         UKAS           5.27         mg/l         3         UKAS           <5	Result         Units         Flag         MRV         Accred         Lab ID_Test           5.72         mg/l         0.01         UKAS         SX           0.0670         mg/l         0.01         UKAS         SX           0.0900         mg/l         0.03         UKAS         SX           0.0624         mg/l         0.004         UKAS         SX           5.78         mg/l         0.2         UKAS         SX           0.0850         mg/l         0.01         UKAS         SX           0.144         mg/l         0.02         UKAS         SX           5.27         mg/l         3         UKAS         SX           44.2         ug/l         30         UKAS         SX           1.75         mg/l         0.3         UKAS         SX		

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Final Report

Report ID - 20096767 - 1

Batch description: Aqueous samples for analysis



Reported on: 27-Jul-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368778 Sampled on: 20-Jul-16 @ 06:45

Comments: St Marybourne In. D Block

Quote No: 7163	Matrix: Freshwater								
<u>Analyte</u> Nitrate as N	Result			<u>MRV</u>	<u>Accred</u>	<u>Lab ID_Tes</u> NLS			
		mg/l			None		864		
Orthophosphate, Filtered as P	0.0300	mg/l		0.01	UKAS	SX	237		
Ammoniacal Nitrogen as N	<0.0300	mg/l	QB	0.03	UKAS	SX	25		
Nitrite as N	<0.00400	mg/l		0.004	UKAS	SX	25		
Nitrogen : Total Oxidised as N	6.94	mg/l		0.2	UKAS	SX	25		
Orthophosphate, reactive as P	0.0290	mg/l		0.01	UKAS	SX	25		
Phosphate : Total as P	0.0303	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	1.62	mg/l		0.3	UKAS	SX	38		
Potassium	0.962	mg/l		0.1	UKAS	SX	38		



Final Report

Report ID - 20096767 - 1

Batch description: Aqueous samples for analysis



Reported on: 27-Jul-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368779 Sampled on: 20-Jul-16 @ 06:55

Comments: St Marybourne Out. D Block

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	tcode			
Nitrate as N	5.89	mg/l			None	NLS	864			
Orthophosphate, Filtered as P	0.0290	mg/l		0.01	UKAS	SX	237			
Ammoniacal Nitrogen as N	0.192	mg/l	QB	0.03	UKAS	SX	25			
Nitrite as N	0.0473	mg/l		0.004	UKAS	SX	25			
Nitrogen : Total Oxidised as N	5.94	mg/l		0.2	UKAS	SX	25			
Orthophosphate, reactive as P	0.0550	mg/l		0.01	UKAS	SX	25			
Phosphate : Total as P	0.0783	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	1.69	mg/l		0.3	UKAS	SX	38			
Potassium	0.703	mg/l		0.1	UKAS	SX	38			



Final Report

Report ID - 20096767 - 1

Batch description: Aqueous samples for analysis



Reported on: 27-Jul-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368780 Sampled on: 20-Jul-16 @ 07:05

Comments: St Marybourne River

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	tcode			
Nitrate as N	6.90	mg/l			None	NLS	864			
Orthophosphate, Filtered as P	0.0260	mg/l		0.01	UKAS	SX	237			
Ammoniacal Nitrogen as N	<0.0300	mg/l	QB	0.03	UKAS	SX	25			
Nitrite as N	0.00850	mg/l		0.004	UKAS	SX	25			
Nitrogen : Total Oxidised as N	6.91	mg/l		0.2	UKAS	SX	25			
Orthophosphate, reactive as P	0.0250	mg/l		0.01	UKAS	SX	25			
Phosphate : Total as P	0.0294	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	1.63	mg/l		0.3	UKAS	SX	38			
Potassium	0.750	mg/l		0.1	UKAS	SX	38			





Final Report

Report ID - 20096767 - 1

Batch description: Aqueous samples for analysis



Reported on: 27-Jul-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368781 Sampled on: 20-Jul-16 @ 07:40

Comments: Pinglestone In

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 Testcode			
Nitrate as N	<7.15	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	QB	0.03	UKAS	SX	25		
Nitrite as N	<0.00400	mg/l		0.004	UKAS	SX	25		
Nitrogen : Total Oxidised as N	7.15	mg/l		0.2	UKAS	SX	25		
Orthophosphate, reactive as P	0.0260	mg/l		0.01	UKAS	SX	25		
Phosphate : Total as P	0.0258	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	1.91	mg/l		0.3	UKAS	SX	38		
Potassium	0.959	mg/l		0.1	UKAS	SX	38		



Final Report

Report ID - 20096767 - 1

Batch description: Aqueous samples for analysis



Reported on: 27-Jul-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368782 Sampled on: 20-Jul-16 @ 07:50

Comments: Pinglestone Out

Quote No: 7163	Matrix: Freshwater									
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID_Tes</u>	stcode				
Nitrate as N	6.52	mg/l			None	NLS	864			
Orthophosphate, Filtered as P	0.0100	mg/l		0.01	UKAS	SX	237			
Ammoniacal Nitrogen as N	0.0410	mg/l	QB	0.03	UKAS	SX	25			
Nitrite as N	0.0184	mg/l		0.004	UKAS	SX	25			
Nitrogen : Total Oxidised as N	6.54	mg/l		0.2	UKAS	SX	25			
Orthophosphate, reactive as P	0.0110	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		30	UKAS	SX	38			
Magnesium	1.93	mg/l		0.3	UKAS	SX	38			
Potassium	0.705	mg/l		0.1	UKAS	SX	38			

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Final Report

Report ID - 20096767 - 1

Batch description: Aqueous samples for analysis



Reported on: 27-Jul-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368783 Sampled on: 20-Jul-16 @ 08:15

Comments: Warnford In. Winchester Road

Quote No: 7163	Matrix: Freshwater							
<u>Analyte</u> Nitrate as N	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Testcode		
	<8.25	mg/l			None	NLS	864	
Orthophosphate, Filtered as P	0.0190	mg/l		0.01	UKAS	SX	237	
Ammoniacal Nitrogen as N	< 0.0300	mg/l	QB	0.03	UKAS	SX	25	
Nitrite as N	<0.00400	mg/l		0.004	UKAS	SX	25	
Nitrogen : Total Oxidised as N	8.25	mg/l		0.2	UKAS	SX	25	
Orthophosphate, reactive as P	0.0170	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		30	UKAS	SX	38	
Magnesium	2.24	mg/l		0.3	UKAS	SX	38	
Potassium	0.691	mg/l		0.1	UKAS	SX	38	



Final Report

Report ID - 20096767 - 1

Batch description: Aqueous samples for analysis



Reported on: 27-Jul-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368784 Sampled on: 20-Jul-16 @ 08:20

Comments: Warnford Out. Winchester Road

Quote No: 7163 Matrix: Freshwater								
<u>Analyte</u> Nitrate as N	<u>Result</u> 6.80	<u>Units</u> ma/l	<u>Units</u> <u>Flag</u> mg/l		<u>Accred</u> None	<u>Lab ID_Tes</u> NLS	<u>stcode</u> 864	
Orthophosphate, Filtered as P	0.0200	mg/l		0.01	UKAS	SX	237	
Ammoniacal Nitrogen as N	<0.0300	mg/l	QB	0.03	UKAS	SX	25	
Nitrite as N	0.0121	mg/l		0.004	UKAS	SX	25	
Nitrogen : Total Oxidised as N	6.81	mg/l		0.2	UKAS	SX	25	
Orthophosphate, reactive as P	0.0160	mg/l		0.01	UKAS	SX	25	
Phosphate : Total as P	0.0212	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	2.03	mg/l		0.3	UKAS	SX	38	
Potassium	0.662	mg/l		0.1	UKAS	SX	38	



Final Report

Report ID - 20096767 - 1

Batch description: Aqueous samples for analysis



Reported on: 27-Jul-2016

#### Method Description Summary for all samples in batch Number 20096767

- 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
- 35 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.

Minimum Reporting Value (MRV). A minimum concentration selected for reporting purposes (i.e. the less than value), which is higher than the statistically derived method limit of detection.

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** 





Final Report

Report ID - 20098480 - 1

Batch description: Aqueous samples for analysis



Reported on: 01-Sep-2016

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

Dear Doreen

Please find attached the results for the batch of 21 samples described below.

Samples Registered on:

Analysis Started on:

Analysis Completed on:

Results for Batch Number

Your Purchase Order Number:

25-Aug-2016
26-Aug-2016
01-Sep-2016
20098480

B10031422

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.





Final Report

Report ID - 20098480 - 1

Batch description: Aqueous samples for analysis



Reported on: 01-Sep-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368785 Sampled on: 24-Aug-16 @ 07:00

Comments: Spetisbury In

Quote No: 7163	Matrix: Freshwater										
<u>Analyte</u>	<u>Result</u>	<u>Result</u> <u>Units</u> <u>Flag</u>				<u>Lab ID_Tes</u>	stcode				
Nitrate as N	<10.3	mg/l			None	NLS	864				
Orthophosphate, Filtered as P	<0.0100	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	10.3	mg/l		0.2	UKAS	SX	25				
Orthophosphate, reactive as P	0.0130	mg/l		0.01	UKAS	SX	25				
Phosphate : Total as P	<0.0200	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		30	UKAS	SX	38				
Magnesium	2.22	mg/l		0.3	UKAS	SX	38				
Potassium	1.66	mg/l		0.1	UKAS	SX	38				

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Final Report

Report ID - 20098480 - 1

Batch description: Aqueous samples for analysis



Reported on: 01-Sep-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368786 Sampled on: 24-Aug-16 @ 07:10

Comments: Spetisbury Out

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	8.81	mg/l			None	NLS	864			
Orthophosphate, Filtered as P	<0.0100	mg/l		0.01	UKAS	SX	237			
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25			
Nitrite as N	0.00470	mg/l		0.004	UKAS	SX	25			
Nitrogen: Total Oxidised as N	8.81	mg/l		0.2	UKAS	SX	25			
Orthophosphate, reactive as P	0.0110	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	56.4	ug/l		30	UKAS	SX	38			
Magnesium	2.09	mg/l		0.3	UKAS	SX	38			
Potassium	1.11	mg/l		0.1	UKAS	SX	38			





Final Report

Report ID - 20098480 - 1

Batch description: Aqueous samples for analysis



Reported on: 01-Sep-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

0.862

Quote Description: Freshwater analysis

Folder No: 003368787 Sampled on: 24-Aug-16 @ 08:00

Comments: Hollybush In

Potassium

Quote No: 7163 Matrix: Freshwater **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N <11.5 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P <0.0100 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N 0.112 25 mg/l 0.004 Nitrite as N < 0.00400 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 11.5 0.2 UKAS SX 25 mg/l Orthophosphate, reactive as P 0.0270 0.01 **UKAS** SX 25 mq/l 0.02 SX 235 Phosphate: Total as P 0.0369 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l 5 SX Zinc 6.17 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 2.55 0.3 **UKAS** SX 38 mg/l

mg/l



0.1

**UKAS** 

SX

38



Final Report

Report ID - 20098480 - 1

Batch description: Aqueous samples for analysis



0.1

**UKAS** 

SX

38

Reported on: 01-Sep-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

0.632

Quote Description: Freshwater analysis

Folder No: 003368788 Sampled on: 24-Aug-16 @ 08:10

Comments: Hollybush Out

Potassium

Quote No: 7163		Mat	rix: Freshw	ater			
<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	8.83	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.0100	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.0400	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0418	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	8.87	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0130	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.253	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	12.5	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.26	mg/l		0.3	UKAS	SX	38

mg/l

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Final Report

Report ID - 20098480 - 1

Batch description: Aqueous samples for analysis



Reported on: 01-Sep-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368789 Sampled on: 24-Aug-16 @ 08:40

Comments: Ilsington In

Quote No: 7163		Matı	rix: Freshwa	ter			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u> <u>Tes</u>	tcode
Nitrate as N	<10.8	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.0100	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	10.8	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0100	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	175	ug/l		30	UKAS	SX	38
Magnesium	2.49	mg/l		0.3	UKAS	SX	38
Potassium	1.86	mg/l		0.1	UKAS	SX	38



Final Report

Report ID - 20098480 - 1

Batch description: Aqueous samples for analysis



Reported on: 01-Sep-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368790 Sampled on: 24-Aug-16 @ 08:45

Comments: Ilsington Out

Quote No: 7163		Mat	rix: Freshw	ater			
Analyte Nitrate as N	<u>Result</u> 6.49	<u>Units</u> mg/l	<u>Flag</u>	<u>MRV</u>	<u>Accred</u> None	<u>Lab ID_Tes</u> NLS	<u>tcode</u> 864
Orthophosphate, Filtered as P	<0.0100	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.0330	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0206	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.51	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.0100	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		30	UKAS	SX	38
Magnesium	2.39	mg/l		0.3	UKAS	SX	38
Potassium	0.936	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20098480 - 1

Batch description: Aqueous samples for analysis



Reported on: 01-Sep-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368791 Sampled on: 24-Aug-16 @ 08:55

Comments: Doddings In

Quote No: 7163		Mat	rix: Freshw	ater			
Analyte Nitrate as N	<u>Result</u> <9.83	<u>Units</u> mg/l	<u>Flag</u>	<u>MRV</u>	<u>Accred</u> None	<u>Lab ID_Tes</u> NLS	<u>tcode</u> 864
Orthophosphate, Filtered as P	<0.0100	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	9.83	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.0100	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		30	UKAS	SX	38
Magnesium	2.60	mg/l		0.3	UKAS	SX	38
Potassium	1.16	mg/l		0.1	UKAS	SX	38

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Final Report

Report ID - 20098480 - 1

Batch description: Aqueous samples for analysis



Reported on: 01-Sep-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368792 Sampled on: 24-Aug-16 @ 08:58

Comments: Doddings Out

Quote No: 7163		Mat	rix: Freshwa	ater			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID Tes</u>	tcode
Nitrate as N	9.09	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	0.0398	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	9.13	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0160	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0244	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	2.48	mg/l		0.3	UKAS	SX	38
Potassium	1.37	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20098480 - 1

Batch description: Aqueous samples for analysis



30

0.3

0.1

**UKAS** 

**UKAS** 

**UKAS** 

SX

SX

SX

38

38

38

Reported on: 01-Sep-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

<30

2.52

2.00

Quote Description: Freshwater analysis

Folder No: 003368793 Sampled on: 24-Aug-16 @ 09:15

Comments: Manor In Quote No: 7163

Iron

Magnesium

Potassium

Quote No: 7163		Mat	rix: Freshw	ater			
<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	<11.0	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0110	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	11.0	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0100	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

ug/l

mg/l

mg/l



Final Report

Report ID - 20098480 - 1

Batch description: Aqueous samples for analysis



Reported on: 01-Sep-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368794 Sampled on: 24-Aug-16 @ 09:20

Comments: Manor Out

Quote No: 7163 Matrix: Freshwater **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N 6.51 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P <0.0100 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N 0.0310 25 mg/l 0.004 Nitrite as N 0.0205 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 0.2 UKAS SX 25 6.53 mg/l Orthophosphate, reactive as P <0.0100 0.01 **UKAS** SX 25 mg/l 0.02 SX 235 Phosphate: Total as P < 0.0200 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 3.47 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 2.38 0.3 **UKAS** SX 38 mg/l 0.1 Potassium 0.941 mg/l **UKAS** SX 38





Final Report

Report ID - 20098480 - 1

Batch description: Aqueous samples for analysis



Reported on: 01-Sep-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368795 Sampled on: 24-Aug-16 @ 06:30

Comments: Abbotts Ann In

Quote No: 7163		Mat	rix: Freshwa	iter			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	tcode	
Nitrate as N	<7.84	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.0100	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	7.84	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0100	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		30	UKAS	SX	38
Magnesium	1.64	mg/l		0.3	UKAS	SX	38
Potassium	0.812	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20098480 - 1

Batch description: Aqueous samples for analysis



Reported on: 01-Sep-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368796 Sampled on: 24-Aug-16 @ 06:40

Comments: Abbotts Ann Out

Quote No: 7163		Matri	x: Freshwate	er			
<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	8.36	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0310	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.0540	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0445	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	8.40	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0350	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0510	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	0.738	mg/l		0.1	UKAS	SX	38





Potassium

### **Analytical Report**

Final Report

Report ID - 20098480 - 1

Batch description: Aqueous samples for analysis



Reported on: 01-Sep-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

1.59

Quote Description: Freshwater analysis

Folder No: 003368797 Sampled on: 24-Aug-16 @ 07:00

Comments: St Marybourne. B Block In

Quote No: 7163 Matrix: Freshwater **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N 6.47 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.0410 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N 0.0350 25 mg/l 0.004 Nitrite as N 0.0183 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 6.49 0.2 UKAS SX 25 mg/l Orthophosphate, reactive as P <0.0100 0.01 **UKAS** SX 25 mg/l 0.0609 0.02 SX 235 Phosphate: Total as P **UKAS** mg/l Solids, Suspended at 105 C <3 3 **UKAS** SX 869 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l 92.5 30 **UKAS** SX 38 Iron ug/l Magnesium 1.67 0.3 **UKAS** SX 38 mg/l

mg/l

0.1

**UKAS** 

SX

38



Final Report

Report ID - 20098480 - 1

Batch description: Aqueous samples for analysis



Reported on: 01-Sep-2016

Vitacress Salads Ltd. 7163 Freshwater analysis Client: Project:

> Quote Description: Freshwater analysis

Folder No: 003368798 Sampled on: 24-Aug-16 @ 07:10

Comments: St Marybourne. B Block Out

Quote No: 7163		Matı	rix: Freshwa	iter			
<u>Analyte</u> Nitrate as N	<u>Result</u> 5.95	<u>Units</u> mg/l	<u>Flag</u>	<u>MRV</u>	<u>Accred</u> None	<u>Lab ID_Tes</u> NLS	<u>tcode</u> 864
Orthophosphate, Filtered as P	0.0340	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	< 0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0199	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	5.97	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0360	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0920	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	3.42	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	36.8	ug/l		30	UKAS	SX	38
Magnesium	1.63	mg/l		0.3	UKAS	SX	38
Potassium	0.970	mg/l		0.1	UKAS	SX	38





Potassium

# **Analytical Report**

Final Report

Report ID - 20098480 - 1

Batch description: Aqueous samples for analysis



Reported on: 01-Sep-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

0.946

Quote Description: Freshwater analysis

Folder No: 003368799 Sampled on: 24-Aug-16 @ 07:20

Comments: St Marybourne. D Block In

Quote No: 7163	Matrix: Freshwater								
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Units</u> <u>Flag</u>		<u>Accred</u>	Lab ID Tes	stcode		
Nitrate as N	<6.58	mg/l			None	NLS	864		
Orthophosphate, Filtered as P	0.0240	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	6.58	mg/l		0.2	UKAS	SX	25		
Orthophosphate, reactive as P	0.0260	mg/l		0.01	UKAS	SX	25		
Phosphate : Total as P	0.0282	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	1.55	mg/l		0.3	UKAS	SX	38		

mg/l

0.1

UKAS

SX

38



Final Report

Report ID - 20098480 - 1

Batch description: Aqueous samples for analysis



Reported on: 01-Sep-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368800 Sampled on: 24-Aug-16 @ 07:40

Comments: St Marybourne. D Block Out

Quote No: 7163 Matrix: Freshwater **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N 5.37 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P <0.0100 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N 0.0355 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 5.41 0.2 UKAS SX 25 mg/l Orthophosphate, reactive as P 0.0130 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.02 SX 235 0.0212 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 1.54 0.3 **UKAS** SX 38 mg/l 0.1 Potassium 0.233 mg/l **UKAS** SX 38



Final Report

Report ID - 20098480 - 1

Batch description: Aqueous samples for analysis



Reported on: 01-Sep-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368801 Sampled on: 24-Aug-16 @ 07:50

Comments: St Marybourne River

Quote No: 7163		Mat	rix: Freshw	ater			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Units</u> <u>Flag</u>		<u>Accred</u>	Lab ID Tes	tcode
Nitrate as N	6.86	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0290	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.0310	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.00900	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.87	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0320	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0401	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	1.57	mg/l		0.3	UKAS	SX	38
Potassium	0.871	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20098480 - 1

Batch description: Aqueous samples for analysis



Reported on: 01-Sep-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368802 Sampled on: 24-Aug-16 @ 08:25

Comments: Pinglestone In

Quote No: 7163	Matrix: Freshwater										
<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	<7.11	mg/l			None	NLS	864				
Orthophosphate, Filtered as P	0.0220	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	7.11	mg/l		0.2	UKAS	SX	25				
Orthophosphate, reactive as P	0.0230	mg/l		0.01	UKAS	SX	25				
Phosphate : Total as P	0.0271	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	1.86	mg/l		0.3	UKAS	SX	38				
Potassium	0.994	mg/l		0.1	UKAS	SX	38				



Final Report

Report ID - 20098480 - 1

Batch description: Aqueous samples for analysis



Reported on: 01-Sep-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368803 Sampled on: 24-Aug-16 @ 08:35

Comments: Pinglestone Out

Quote No: 7163		Mat	rix: Freshw	vater			
<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	6.49	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0270	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.0430	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0297	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.52	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0310	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0398	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	3.12	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.87	mg/l		0.3	UKAS	SX	38
Potassium	1.66	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20098480 - 1

Batch description: Aqueous samples for analysis



Reported on: 01-Sep-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368804 Sampled on: 24-Aug-16 @ 08:50

Comments: Warnford In. Winchester Road

Matrix: Freshwater									
<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	tcode			
<7.58	mg/l			None	NLS	864			
0.0140	mg/l		0.01	UKAS	SX	237			
<0.0300	mg/l		0.03	UKAS	SX	25			
<0.00400	mg/l		0.004	UKAS	SX	25			
7.58	mg/l		0.2	UKAS	SX	25			
0.0160	mg/l		0.01	UKAS	SX	25			
<0.0200	mg/l		0.02	UKAS	SX	235			
<3	mg/l		3	UKAS	SX	869			
<5	ug/l		5	UKAS	SX	34			
<30	ug/l		30	UKAS	SX	38			
2.04	mg/l		0.3	UKAS	SX	38			
0.834	mg/l		0.1	UKAS	SX	38			
	<7.58 0.0140 <0.0300 <0.00400 7.58 0.0160 <0.0200 <3 <5 <30 2.04	Result         Units           <7.58	Result         Units         Flag           <7.58	Result         Units         Flag         MRV           <7.58	Result         Units         Flag         MRV         Accred           <7.58	Result         Units         Flag         MRV         Accred         Lab ID_Test           <7.58			





Final Report

Report ID - 20098480 - 1

Batch description: Aqueous samples for analysis



Reported on: 01-Sep-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368805 Sampled on: 24-Aug-16 @ 08:55

Comments: Warnford Out. Winchester Road

Matrix: Freshwater									
<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	tcode			
6.85	mg/l			None	NLS	864			
<0.0100	mg/l		0.01	UKAS	SX	237			
0.0530	mg/l		0.03	UKAS	SX	25			
0.0347	mg/l		0.004	UKAS	SX	25			
6.88	mg/l		0.2	UKAS	SX	25			
<0.0100	mg/l		0.01	UKAS	SX	25			
<0.0200	mg/l		0.02	UKAS	SX	235			
3.57	mg/l		3	UKAS	SX	869			
<5	ug/l		5	UKAS	SX	34			
<30	ug/l		30	UKAS	SX	38			
2.08	mg/l		0.3	UKAS	SX	38			
0.349	mg/l		0.1	UKAS	SX	38			
	6.85 <0.0100 0.0530 0.0347 6.88 <0.0100 <0.0200 3.57 <5 <30 2.08	Result         Units           6.85         mg/l           <0.0100	Result         Units         Flag           6.85         mg/l           <0.0100	Result         Units         Flag         MRV           6.85         mg/l         0.01           <0.0100	Result         Units         Flag         MRV         Accred           6.85         mg/l         0.01         UKAS           0.0530         mg/l         0.03         UKAS           0.0347         mg/l         0.004         UKAS           6.88         mg/l         0.2         UKAS           <0.0100	Result         Units         Flag         MRV         Accred         Lab ID Tes           6.85         mg/l         0.01         UKAS         SX           0.0100         mg/l         0.03         UKAS         SX           0.0530         mg/l         0.03         UKAS         SX           0.0347         mg/l         0.004         UKAS         SX           6.88         mg/l         0.2         UKAS         SX           <0.0100			





Final Report

Report ID - 20098480 - 1

Batch description: Aqueous samples for analysis



Reported on: 01-Sep-2016

#### Method Description Summary for all samples in batch Number 20098480

- 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
- 35 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.

Minimum Reporting Value (MRV). A minimum concentration selected for reporting purposes (i.e. the less than value), which is higher than the statistically derived method limit of detection.

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

Uncertainty of Measurement information relating to sample results is supplied upon request. Uncertainty is estimated from the performance of routine quality control standards, using the calculation 2 X Relative Standard Deviation + Bias. This is based on the guidance issued by the UKTAG Chemistry task team - Guidance on the implementation of the Quality Assurance/Quality Control requirements' associated with Commission Directive 2009/90/EC, Article 4 (UoM = 2 X %RSD), with a contribution added for the bias.

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





Final Report

Report ID - 20099541 - 1

Batch description: Samples for analysis



Reported on: 29-Sep-2016

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

Dear Doreen

Please find attached the results for the batch of 21 samples described below.

Samples Registered on:22-Sep-2016Analysis Started on:23-Sep-2016Analysis Completed on:29-Sep-2016Results for Batch Number20099541Your Purchase Order Number:B100 31422

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.





Final Report

Report ID - 20099541 - 1

Batch description: Samples for analysis



Reported on: 29-Sep-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368806 Sampled on: 21-Sep-16 @ 17:00

Comments: Spetisbury In

Confinents. Spetisbury in							
Quote No: 7163		Mat	rix: Freshw	ater			
<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	<10.3	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	10.3	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0130	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.0200	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		30	UKAS	SX	38
Magnesium	2.29	mg/l		0.3	UKAS	SX	38
Potassium	1.79	mg/l		0.1	UKAS	SX	38
		-					

Page 2 of 23



Final Report

Report ID - 20099541 - 1

Batch description: Samples for analysis



Reported on: 29-Sep-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368807 Sampled on: 21-Sep-16 @ 17:05

Comments: Spetisbury Out

Quote No: 7163		Matı	rix: Freshwa	ter			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u> <u>Tes</u>	tcode
Nitrate as N	8.75	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0160	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.205	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.111	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	8.86	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0210	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0330	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	19.4	ug/l		5	UKAS	SX	34
Iron	107	ug/l		30	UKAS	SX	38
Magnesium	2.33	mg/l		0.3	UKAS	SX	38
Potassium	2.12	mg/l		0.1	UKAS	SX	38

Page 3 of 23



Final Report

Report ID - 20099541 - 1

Batch description: Samples for analysis



Reported on: 29-Sep-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003368808 Sampled on: 21-Sep-16 @ 07:30

Comments: Hollybush In

Quote No: 7163 Matrix: Freshwater **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N <12.3 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.0110 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N < 0.00400 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 12.3 0.2 UKAS SX 25 mg/l Orthophosphate, reactive as P 0.0100 0.01 **UKAS** SX 25 mq/l Phosphate: Total as P < 0.0200 0.02 SX 235 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 2.49 0.3 **UKAS** SX 38 mg/l 0.1 Potassium 1.37 mg/l **UKAS** SX 38





Final Report

Report ID - 20099541 - 1

Batch description: Samples for analysis



Reported on: 29-Sep-2016

Vitacress Salads Ltd. 7163 Freshwater analysis Client: Project:

Quote Description: Freshwater analysis

003594837 Folder No: Sampled on: 21-Sep-16 @ 07:35

Comments: Hollybush Out

Quote No: 7163		Mat	rix: Freshw	vater			
<u>Analyte</u>	<u>Result</u>	<u>Result</u> <u>Units</u> <u>Flag</u>			<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N	10.4	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.0100	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.234	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.527	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	10.9	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.0100	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		30	UKAS	SX	38
Magnesium	2.63	mg/l		0.3	UKAS	SX	38
Potassium	1.99	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20099541 - 1

Batch description: Samples for analysis



Reported on: 29-Sep-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003594838 Sampled on: 21-Sep-16 @ 08:00

Comments: Islington In

Quote No: 7163 Matrix: Freshwater **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N <12.3 None NLS 864 mg/l Orthophosphate, Filtered as P 0.0120 0.01 **UKAS** SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N < 0.00400 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 12.3 0.2 UKAS SX 25 mg/l Orthophosphate, reactive as P <0.0100 0.01 **UKAS** SX 25 mq/l Phosphate: Total as P <0.0200 0.02 SX 235 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 2.43 0.3 **UKAS** SX 38 mg/l 0.1 Potassium 1.37 mg/l **UKAS** SX 38





Final Report

Report ID - 20099541 - 1

Batch description: Samples for analysis



Reported on: 29-Sep-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

2.01

Quote Description: Freshwater analysis

Folder No: 003594839 Sampled on: 21-Sep-16 @ 08:05

Comments: Ilsington Out

Potassium

Quote No: 7163 Matrix: Freshwater **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N 10.6 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P <0.0100 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N 0.163 25 mg/l 0.004 Nitrite as N 0.374 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 0.2 UKAS SX 25 11.0 mg/l Orthophosphate, reactive as P <0.0100 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P < 0.0200 0.02 SX 235 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 2.54 0.3 **UKAS** SX 38 mg/l

mg/l



0.1

**UKAS** 

SX

38



Final Report

Report ID - 20099541 - 1

Batch description: Samples for analysis



Reported on: 29-Sep-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003594840 Sampled on: 21-Sep-16 @ 08:20

Comments: Doddeneys In

Quote No: 7163		Matr	rix: 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	<9.67	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.0100	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	9.67	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.0100	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		30	UKAS	SX	38
Magnesium	2.63	mg/l		0.3	UKAS	SX	38
Potassium	1.46	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20099541 - 1

Batch description: Samples for analysis



Reported on: 29-Sep-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003594841 Sampled on: 21-Sep-16 @ 08:25

Comments: Doddeneys Out

Quote No: 7163		Matri	x: Freshwate	er			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u> <u>Tes</u>	tcode
Nitrate as N	9.52	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0200	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.0410	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0232	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	9.54	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0300	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0406	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	6.00	ug/l		5	UKAS	SX	34
Iron	40.9	ug/l		30	UKAS	SX	38
Magnesium	2.64	mg/l		0.3	UKAS	SX	38
Potassium	1.75	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20099541 - 1

Batch description: Samples for analysis



Reported on: 29-Sep-2016

Vitacress Salads Ltd. 7163 Freshwater analysis Client: Project:

Quote Description: Freshwater analysis

Folder No: 003594842 Sampled on: 21-Sep-16 @ 08:40

Comments: Manor Out

Quote No: 7163		Mat	rix: Freshw	vater			
<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	9.45	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0190	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.0470	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0254	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	9.48	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0330	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0427	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	43.8	ug/l		30	UKAS	SX	38
Magnesium	2.65	mg/l		0.3	UKAS	SX	38
Potassium	1.89	mg/l		0.1	UKAS	SX	38

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Final Report

Report ID - 20099541 - 1

Batch description: Samples for analysis



Reported on: 29-Sep-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003594843 Sampled on: 21-Sep-16 @ 08:45

Comments: Manor In

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	tcode			
Nitrate as N	<9.24	mg/l			None	NLS	864			
Orthophosphate, Filtered as P	0.0110	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	9.24	mg/l		0.2	UKAS	SX	25			
Orthophosphate, reactive as P	0.0120	mg/l		0.01	UKAS	SX	25			
Phosphate : Total as P	0.0214	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	2.66	mg/l		0.3	UKAS	SX	38			
Potassium	2.37	mg/l		0.1	UKAS	SX	38			

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Final Report

Report ID - 20099541 - 1

Batch description: Samples for analysis



Reported on: 29-Sep-2016

Vitacress Salads Ltd. 7163 Freshwater analysis Client: Project:

0.882

Freshwater analysis **Quote Description:** 

003594844 Sampled on: 21-Sep-16 @ 07:00 Folder No:

Comments: Abbotts Ann In

Potassium

Quote No: 7163 Matrix: Freshwater **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N <9.24 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.0120 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N < 0.00400 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 9.24 0.2 UKAS SX 25 mg/l Orthophosphate, reactive as P 0.0120 0.01 **UKAS** SX 25 mq/l Phosphate: Total as P < 0.0200 0.02 SX 235 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 1.77 0.3 **UKAS** SX 38 mg/l 0.1

mg/l

**UKAS** 

SX

38



Final Report

Report ID - 20099541 - 1

Batch description: Samples for analysis



Reported on: 29-Sep-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003594845 Sampled on: 21-Sep-16 @ 07:10

Comments: Abbotts Ann Out

Quote No: 7163 Matrix: Freshwater **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N 7.25 None NLS 864 mg/l Orthophosphate, Filtered as P 0.107 0.01 **UKAS** SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N 0.0970 25 mg/l 0.004 Nitrite as N 0.132 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 0.2 UKAS SX 25 7.38 mg/l Orthophosphate, reactive as P 0.108 0.01 **UKAS** SX 25 mg/l 0.02 SX 235 Phosphate: Total as P 0.127 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 1.97 0.3 **UKAS** SX 38 mg/l 0.1 Potassium 1.16 mg/l **UKAS** SX 38



Final Report

Report ID - 20099541 - 1

Batch description: Samples for analysis



Reported on: 29-Sep-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003594846 Sampled on: 21-Sep-16 @ 07:25

Comments: St Marybourne In B Block

Quote No: 7163		Mat	rix: Freshwa	iter			
<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	<6.56	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0530	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	6.56	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0520	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0590	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	3.10	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	118	ug/l		30	UKAS	SX	38
Magnesium	1.77	mg/l		0.3	UKAS	SX	38
Potassium	1.94	mg/l		0.1	UKAS	SX	38



Final Report

Report ID - 20099541 - 1

Batch description: Samples for analysis



Reported on: 29-Sep-2016

Vitacress Salads Ltd. 7163 Freshwater analysis Client: Project:

> Quote Description: Freshwater analysis

Folder No: 003594847 Sampled on: 21-Sep-16 @ 07:35

Comments: St Marybourne Out B Block

Quote No: 7163		Matr	rix: Freshwa	ter			
Analyte Nitrate as N	<u>Result</u> 6.07	<u>Units</u> mg/l	<u>Flag</u>	MRV Accred Lab ID Testcoo None NLS		<u>stcode</u> 864	
Orthophosphate, Filtered as P	0.0570	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0262	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.10	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0560	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0685	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	94.6	ug/l		30	UKAS	SX	38
Magnesium	1.66	mg/l		0.3	UKAS	SX	38
Potassium	1.02	mg/l		0.1	UKAS	SX	38





# **Analytical Report**

Final Report

Report ID - 20099541 - 1

Batch description: Samples for analysis



Reported on: 29-Sep-2016

Vitacress Salads Ltd. 7163 Freshwater analysis Client: Project:

Quote Description: Freshwater analysis

Folder No: 003594848 Sampled on: 21-Sep-16 @ 07:40

Comments: St Marybourne In D Block

Quote No: 7163	Matrix: Freshwater							
<u>Analyte</u> Nitrate as N	<u>Result</u> <6.56	<u>Units</u> mg/l	<u>Flag</u>	<u>MRV</u>	<u>Accred</u> None	<u>Lab ID_Tes</u> NLS	stcode 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	<0.00400	mg/l		0.004	UKAS	SX	25	
Nitrogen : Total Oxidised as N	6.56	mg/l		0.2	UKAS	SX	25	
Orthophosphate, reactive as P	0.0260	mg/l		0.01	UKAS	SX	25	
Phosphate : Total as P	0.0274	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	1.56	mg/l		0.3	UKAS	SX	38	
Potassium	0.947	mg/l		0.1	UKAS	SX	38	





Final Report

Report ID - 20099541 - 1

Batch description: Samples for analysis



Reported on: 29-Sep-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003594849 Sampled on: 21-Sep-16 @ 07:45

Comments: St Marybourne Out D Block

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	5.88	mg/l			None	NLS	864				
Orthophosphate, Filtered as P	0.142	mg/l		0.01	UKAS	SX	237				
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25				
Nitrite as N	0.0285	mg/l		0.004	UKAS	SX	25				
Nitrogen : Total Oxidised as N	5.91	mg/l		0.2	UKAS	SX	25				
Orthophosphate, reactive as P	0.155	mg/l		0.01	UKAS	SX	25				
Phosphate : Total as P	0.172	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	311	ug/l		30	UKAS	SX	38				
Magnesium	2.04	mg/l		0.3	UKAS	SX	38				
Potassium	1.67	mg/l		0.1	UKAS	SX	38				





Final Report

Report ID - 20099541 - 1

Batch description: Samples for analysis



Reported on: 29-Sep-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003594850 Sampled on: 21-Sep-16 @ 07:50

Comments: St Marybourne River

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	tcode			
Nitrate as N	6.97	mg/l			None	NLS	864			
Orthophosphate, Filtered as P	0.0400	mg/l		0.01	UKAS	SX	237			
Ammoniacal Nitrogen as N	< 0.0300	mg/l		0.03	UKAS	SX	25			
Nitrite as N	0.0109	mg/l		0.004	UKAS	SX	25			
Nitrogen : Total Oxidised as N	6.98	mg/l		0.2	UKAS	SX	25			
Orthophosphate, reactive as P	0.0380	mg/l		0.01	UKAS	SX	25			
Phosphate : Total as P	0.0449	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	1.63	mg/l		0.3	UKAS	SX	38			
Potassium	0.964	mg/l		0.1	UKAS	SX	38			





Final Report

Report ID - 20099541 - 1

Batch description: Samples for analysis



Reported on: 29-Sep-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003594851 Sampled on: 21-Sep-16 @ 08:20

Comments: Pinglestone In

Quote No: 7163	Matrix: Freshwater									
<u>Analyte</u>	<u>Result</u>	<u>Units</u> <u>Flag</u>		<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u> <u>Tes</u>	tcode			
Nitrate as N	<7.24	mg/l			None	NLS	864			
Orthophosphate, Filtered as P	0.0260	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	7.24	mg/l		0.2	UKAS	SX	25			
Orthophosphate, reactive as P	0.0240	mg/l		0.01	UKAS	SX	25			
Phosphate : Total as P	0.0255	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	1.96	mg/l		0.3	UKAS	SX	38			
Potassium	1.01	mg/l		0.1	UKAS	SX	38			





Final Report

Report ID - 20099541 - 1

Batch description: Samples for analysis



Reported on: 29-Sep-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003594852 Sampled on: 21-Sep-16 @ 08:30

Comments: Pinglestone Out

Quote No: 7163		Mat	rix: Freshw	ater			
<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	6.74	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0230	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.0540	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0412	mg/l		0.004	UKAS	SX	25
Nitrogen: Total Oxidised as N	6.78	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0220	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0298	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	1.99	mg/l		0.3	UKAS	SX	38
Potassium	1.01	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20099541 - 1

Batch description: Samples for analysis



Reported on: 29-Sep-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003594853 Sampled on: 21-Sep-16 @ 08:45

Comments: Warnford In

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	<7.75	mg/l			None	NLS	864			
Orthophosphate, Filtered as P	0.0190	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	7.75	mg/l		0.2	UKAS	SX	25			
Orthophosphate, reactive as P	0.0180	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		30	UKAS	SX	38			
Magnesium	2.22	mg/l		0.3	UKAS	SX	38			
Potassium	0.714	mg/l		0.1	UKAS	SX	38			





Final Report

Report ID - 20099541 - 1

Batch description: Samples for analysis



Reported on: 29-Sep-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003594854 Sampled on: 21-Sep-16 @ 08:50

Comments: Warnford Out

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	tcode			
Nitrate as N	7.33	mg/l			None	NLS	864			
Orthophosphate, Filtered as P	0.0220	mg/l		0.01	UKAS	SX	237			
Ammoniacal Nitrogen as N	0.0590	mg/l		0.03	UKAS	SX	25			
Nitrite as N	0.0496	mg/l		0.004	UKAS	SX	25			
Nitrogen : Total Oxidised as N	7.38	mg/l		0.2	UKAS	SX	25			
Orthophosphate, reactive as P	0.0220	mg/l		0.01	UKAS	SX	25			
Phosphate : Total as P	0.0265	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	2.24	mg/l		0.3	UKAS	SX	38			
Potassium	0.767	mg/l		0.1	UKAS	SX	38			



Final Report

Report ID - 20099541 - 1

Batch description: Samples for analysis



Reported on: 29-Sep-2016

#### Method Description Summary for all samples in batch Number 20099541

- 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
- 35 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.

Minimum Reporting Value (MRV). A minimum concentration selected for reporting purposes (i.e. the less than value), which is higher than the statistically derived method limit of detection.

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

Uncertainty of Measurement information relating to sample results is supplied upon request. Uncertainty is estimated from the performance of routine quality control standards, using the calculation 2 X Relative Standard Deviation + Bias. This is based on the guidance issued by the UKTAG Chemistry task team - Guidance on the implementation of the Quality Assurance/Quality Control requirements' associated with Commission Directive 2009/90/EC, Article 4 (UoM = 2 X %RSD), with a contribution added for the bias.

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





Final Report

Report ID - 20101014 - 1

Batch description: Aqueous samples for analysis



Reported on: 09-Nov-2016

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

Dear Doreen

Please find attached the results for the batch of 21 samples described below.

Samples Registered on:28-Oct-2016Analysis Started on:28-Oct-2016Analysis Completed on:09-Nov-2016Results for Batch Number20101014Your Purchase Order Number:B10031422

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.



Final Report

Report ID - 20101014 - 1

Batch description: Aqueous samples for analysis



Reported on: 09-Nov-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003594855 Sampled on: 27-Oct-16 @ 08:30

Comments: Ilington Pump

Quote No: 7163		Matr	rix: Freshwa	ater			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID Tes</u>	tcode
Nitrate as N	<9.26	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.0100	mg/l	QB	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	9.26	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.0100	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		30	UKAS	SX	38
Magnesium	2.59	mg/l		0.3	UKAS	SX	38
Potassium	1.19	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20101014 - 1

Batch description: Aqueous samples for analysis



Reported on: 09-Nov-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003594856 Sampled on: 27-Oct-16 @ 08:35

Comments: Ilington Out

Quote No: 7163		Mat	rix: Freshv	vater			
<u>Analyte</u> Nitrate as N	<u>Result</u> 9.56	<u>Result</u> <u>Units Flag</u> 9.56 mg/l		<u>MRV</u>	<u>Accred</u> None	<u>Lab ID_Tes</u> NLS	stcode 864
Orthophosphate, Filtered as P	0.0190	mg/l	QB	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0198	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	9.58	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0280	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0325	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	2.67	mg/l		0.3	UKAS	SX	38
Potassium	1.62	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20101014 - 1

Batch description: Aqueous samples for analysis



Reported on: 09-Nov-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003594857 Sampled on: 27-Oct-16 @ 08:50

Comments: Doddings In

Quote No: 7163		Mat	rix: Freshv	vater			
<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	<9.22	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.0100	mg/l	QB	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	9.22	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.0100	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		30	UKAS	SX	38
Magnesium	2.54	mg/l		0.3	UKAS	SX	38
Potassium	1.52	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20101014 - 1

Batch description: Aqueous samples for analysis



Reported on: 09-Nov-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003594858 Sampled on: 27-Oct-16 @ 08:55

Comments: Doddings Out

Quote No: 7163	Matrix: Freshwater									
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<del></del>		<u>Accred</u>	Lab ID Tes	tcode			
Nitrate as N	<8.32	mg/l			None	NLS	864			
Orthophosphate, Filtered as P	<0.0100	mg/l	QB	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	8.32	mg/l		0.2	UKAS	SX	25			
Orthophosphate, reactive as P	<0.0100	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		30	UKAS	SX	38			
Magnesium	2.59	mg/l		0.3	UKAS	SX	38			
Potassium	1.21	mg/l		0.1	UKAS	SX	38			



Final Report

Report ID - 20101014 - 1

Batch description: Aqueous samples for analysis



Reported on: 09-Nov-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003594859 Sampled on: 27-Oct-16 @ 09:00

Comments: Manor Out

Quote No: 7163 Matrix: Freshwater **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N 9.15 None NLS 864 mg/l 0.01 UKAS Orthophosphate, Filtered as P 0.0160 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N 0.0193 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 9.17 0.2 UKAS SX 25 mg/l Orthophosphate, reactive as P 0.0170 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.02 SX 235 0.0224 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 2.57 0.3 **UKAS** SX 38 mg/l 0.1 Potassium 1.54 mg/l **UKAS** SX 38

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Final Report

Report ID - 20101014 - 1

Batch description: Aqueous samples for analysis



Reported on: 09-Nov-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003594860 Sampled on: 27-Oct-16 @ 09:05

Comments: Hollybush In

Quote No: 7163 Matrix: Freshwater **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N <12.3 None NLS 864 mg/l 0.01 UKAS Orthophosphate, Filtered as P 0.0110 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N < 0.00400 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 12.3 0.2 UKAS SX 25 mg/l Orthophosphate, reactive as P 0.0100 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P < 0.0200 0.02 SX 235 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 2.41 0.3 **UKAS** SX 38 mg/l 0.1 Potassium 1.60 mg/l **UKAS** SX 38





Final Report

Report ID - 20101014 - 1

Batch description: Aqueous samples for analysis



Reported on: 09-Nov-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003594861 Sampled on: 27-Oct-16 @ 09:10

Comments: Hollybush Out

Quote No: 7163		Matrix: Freshwater						
<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	11.5	mg/l			None	NLS	864	
Orthophosphate, Filtered as P	<0.0100	mg/l	QB	0.01	UKAS	SX	237	
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25	
Nitrite as N	0.0324	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	<0.0100	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		30	UKAS	SX	38	
Magnesium	2.52	mg/l		0.3	UKAS	SX	38	
Potassium	0.780	mg/l		0.1	UKAS	SX	38	

Page 8 of 23



Final Report

Report ID - 20101014 - 1

Batch description: Aqueous samples for analysis



Reported on: 09-Nov-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003594862 Sampled on: 27-Oct-16 @ 09:20

Comments: Manor In

Quote No: 7163		Mat	rix: Freshv	vater			
<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	<11.1	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0110	mg/l	QB	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	11.1	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0100	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		30	UKAS	SX	38
Magnesium	2.54	mg/l		0.3	UKAS	SX	38
Potassium	1.98	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20101014 - 1

Batch description: Aqueous samples for analysis



Reported on: 09-Nov-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003594863 Sampled on: 27-Oct-16 @ 09:25

Comments: Spetisbury In

Comments: Spelisbury in		Mat	wises - Francisco	4			
Quote No: 7163		Mat	rix: Freshw	vater			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID_Tes</u>	tcode
Nitrate as N	<10.1	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0120	mg/l	QB	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	10.1	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0110	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		30	UKAS	SX	38
Magnesium	2.27	mg/l		0.3	UKAS	SX	38
Potassium	1.69	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20101014 - 1

Batch description: Aqueous samples for analysis



Reported on: 09-Nov-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003594864 Sampled on: 27-Oct-16 @ 09:30

Comments: Spetisbury Out

Quote No: 7163		Mat	rix: Freshwa	ater			
<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	9.26	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.0100	mg/l	QB	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0138	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	9.27	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0110	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		30	UKAS	SX	38
Magnesium	2.20	mg/l		0.3	UKAS	SX	38
Potassium	1.41	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20101014 - 1

Batch description: Aqueous samples for analysis



Reported on: 09-Nov-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003594865 Sampled on: 27-Oct-16 @ 06:45

Comments: Abbotts Ann In

Quote No: 7163		Mat	rix: Freshw	ater			
<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	<8.62	mg/l			None	NLS	864
Orthophosphate, Filtered as P	< 0.0100	mg/l	QB	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	8.62	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.0100	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		30	UKAS	SX	38
Magnesium	1.84	mg/l		0.3	UKAS	SX	38
Potassium	1.04	mg/l		0.1	UKAS	SX	38



Final Report

Report ID - 20101014 - 1

Batch description: Aqueous samples for analysis



Reported on: 09-Nov-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003594866 Sampled on: 27-Oct-16 @ 06:50

Comments: Abbotts Ann Out

Quote No: 7163		Mat	rix: Freshv	vater			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	
Nitrate as N	8.26	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0720	mg/l	QB	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.0380	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0299	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	8.29	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0660	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0815	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	1.05	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20101014 - 1

Batch description: Aqueous samples for analysis



Reported on: 09-Nov-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003594867 Sampled on: 27-Oct-16 @ 07:05

Comments: St Marybourne In. B Block

Quote No: 7163		Mat	rix: Freshw	/ater			
<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	<6.65	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0510	mg/l	QB	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	6.65	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0470	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0565	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	4.27	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	144	ug/l		30	UKAS	SX	38
Magnesium	1.80	mg/l		0.3	UKAS	SX	38
Potassium	1.45	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20101014 - 1

Batch description: Aqueous samples for analysis



Reported on: 09-Nov-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003594868 Sampled on: 27-Oct-16 @ 07:10

Comments: St Marybourne Out. B Block

Quote No: 7163	Matrix: Freshwater								
<u>Analyte</u> Nitrate as N	<u>Result</u> 6.44	<u>Units</u> ma/l	<u>Units</u> <u>Flag</u> mg/l		<u>Accred</u> None	<u>Lab ID_Tes</u> NLS	<u>stcode</u> 864		
Orthophosphate, Filtered as P	0.0580	mg/l	QB	0.01	UKAS	SX	237		
Ammoniacal Nitrogen as N	< 0.0300	mg/l		0.03	UKAS	SX	25		
Nitrite as N	0.0247	mg/l		0.004	UKAS	SX	25		
Nitrogen : Total Oxidised as N	6.46	mg/l		0.2	UKAS	SX	25		
Orthophosphate, reactive as P	0.0530	mg/l		0.01	UKAS	SX	25		
Phosphate : Total as P	0.0645	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	1.69	mg/l		0.3	UKAS	SX	38		
Potassium	1.24	mg/l		0.1	UKAS	SX	38		

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Final Report

Report ID - 20101014 - 1

Batch description: Aqueous samples for analysis



Reported on: 09-Nov-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003594869 Sampled on: 27-Oct-16 @ 07:15

Comments: St Marybourne In. D Block

Matrix: Freshwater									
<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	tcode			
<6.67	mg/l			None	NLS	864			
0.0260	mg/l	QB	0.01	UKAS	SX	237			
<0.0300	mg/l		0.03	UKAS	SX	25			
<0.00400	mg/l		0.004	UKAS	SX	25			
6.67	mg/l		0.2	UKAS	SX	25			
0.0220	mg/l		0.01	UKAS	SX	25			
0.0272	mg/l		0.02	UKAS	SX	235			
<3	mg/l		3	UKAS	SX	869			
<5	ug/l		5	UKAS	SX	34			
<30	ug/l		30	UKAS	SX	38			
1.57	mg/l		0.3	UKAS	SX	38			
0.936	mg/l		0.1	UKAS	SX	38			
	<6.67 0.0260 <0.0300 <0.00400 6.67 0.0220 0.0272 <3 <5 <30 1.57	Result         Units           <6.67	Result         Units         Flag           <6.67	Result         Units         Flag         MRV           <6.67	Result         Units         Flag         MRV         Accred           <6.67	Result         Units         Flag         MRV         Accred         Lab ID_Test           <6.67			





Final Report

Report ID - 20101014 - 1

Batch description: Aqueous samples for analysis



Reported on: 09-Nov-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003594870 Sampled on: 27-Oct-16 @ 07:25

Comments: St Marybourne Out. D Block

Quote No: 7163		Mat	rix: Freshw	ater			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>				<u>Lab ID Tes</u>	tcode
Nitrate as N	6.24	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0440	mg/l	QB	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.0320	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0280	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.27	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0460	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0542	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l	DC	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	0.586	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20101014 - 1

Batch description: Aqueous samples for analysis



Reported on: 09-Nov-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003594871 Sampled on: 27-Oct-16 @ 07:35

Comments: St Marybourne River

Quote No: 7163		Mat	rix: Freshwa	ater			
<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	6.90	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0420	mg/l	QB	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.00690	mg/l		0.004	UKAS	SX	25
Nitrogen: Total Oxidised as N	6.91	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0420	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0477	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	1.57	mg/l		0.3	UKAS	SX	38
Potassium	0.924	mg/l		0.1	UKAS	SX	38



Final Report

Report ID - 20101014 - 1

Batch description: Aqueous samples for analysis



Reported on: 09-Nov-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003594872 Sampled on: 27-Oct-16 @ 08:00

Comments: Pinglestone In

Quote No: 7163		Mat	rix: Freshv	vater			
<u>Analyte</u>	Result	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	
Nitrate as N	<7.21	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0240	mg/l	QB	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	7.21	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0210	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0236	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	1.92	mg/l		0.3	UKAS	SX	38
Potassium	1.02	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20101014 - 1

Batch description: Aqueous samples for analysis



Reported on: 09-Nov-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003594873 Sampled on: 27-Oct-16 @ 08:10

Comments: Pinglestone Out

Quote No: 7163		Matr	ix: Freshwate	er			
<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	6.83	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0190	mg/l	QB	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.0420	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0232	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.85	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0190	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0427	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	3.87	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	0.915	mg/l		0.1	UKAS	SX	38

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Final Report

Report ID - 20101014 - 1

Batch description: Aqueous samples for analysis



Reported on: 09-Nov-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003594874 Sampled on: 27-Oct-16 @ 08:25

Comments: Warnford In. Winchester Road

Quote No: 7163	Matrix: Freshwater							
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	lag MRV Accred		Lab ID Testcode		
Nitrate as N	<7.63	mg/l			None	NLS	864	
Orthophosphate, Filtered as P	0.0160	mg/l	QB	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	7.63	mg/l		0.2	UKAS	SX	25	
Orthophosphate, reactive as P	0.0170	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		30	UKAS	SX	38	
Magnesium	2.14	mg/l		0.3	UKAS	SX	38	
Potassium	0.811	mg/l		0.1	UKAS	SX	38	





Final Report

Report ID - 20101014 - 1

Batch description: Aqueous samples for analysis



Reported on: 09-Nov-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003594875 Sampled on: 27-Oct-16 @ 08:30

Comments: Warnford Out. Winchester Road

Quote No: 7163	Matrix: Freshwater							
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Accred Lab ID Testcod		
Nitrate as N	7.22	mg/l			None	NLS	864	
Orthophosphate, Filtered as P	0.0220	mg/l	QB	0.01	UKAS	SX	237	
Ammoniacal Nitrogen as N	0.0350	mg/l		0.03	UKAS	SX	25	
Nitrite as N	0.0269	mg/l		0.004	UKAS	SX	25	
Nitrogen : Total Oxidised as N	7.25	mg/l		0.2	UKAS	SX	25	
Orthophosphate, reactive as P	0.0230	mg/l		0.01	UKAS	SX	25	
Phosphate : Total as P	0.0274	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	2.17	mg/l		0.3	UKAS	SX	38	
Potassium	0.662	mg/l		0.1	UKAS	SX	38	

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Final Report

Report ID - 20101014 - 1

Batch description: Aqueous samples for analysis



Reported on: 09-Nov-2016

#### Method Description Summary for all samples in batch Number 20101014

- 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
- 35 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.

Minimum Reporting Value (MRV). A minimum concentration selected for reporting purposes (i.e. the less than value), which is higher than the statistically derived method limit of detection.

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

Uncertainty of Measurement information relating to sample results is supplied upon request. Uncertainty is estimated from the performance of routine quality control standards, using the calculation 2 X Relative Standard Deviation + Bias. This is based on the guidance issued by the UKTAG Chemistry task team - Guidance on the implementation of the Quality Assurance/Quality Control requirements' associated with Commission Directive 2009/90/EC, Article 4 (UoM = 2 X %RSD), with a contribution added for the bias.

Key to Results Flags:

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

QB QC Flag. Result accepted against QC breach

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** 





Final Report

Report ID - 20101612 - 1

Batch description: Aqueous samples for analysis



Reported on: 22-Nov-2016

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

Dear Doreen

Please find attached the results for the batch of 21 samples described below.

Samples Registered on:

Analysis Started on:

Analysis Completed on:

Results for Batch Number

Your Purchase Order Number:

11-Nov-2016
22-Nov-2016
22-Nov-2016
20101612

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.





Final Report

Report ID - 20101612 - 1

Batch description: Aqueous samples for analysis



Reported on: 22-Nov-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003594876 Sampled on: 10-Nov-16 @ 07:30

Comments: Ilsington In. Pump

Quote No: 7163	Matrix: Freshwater							
<u>Analyte</u>	<u>Result</u>	<u>Units Flag MRV</u>			<u>Accred</u>	Lab ID Tes	tcode	
Nitrate as N	<7.94	mg/l			None	NLS	864	
Orthophosphate, Filtered as P	0.0180	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	7.94	mg/l		0.2	UKAS	SX	25	
Orthophosphate, reactive as P	0.0190	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		30	UKAS	SX	38	
Magnesium	2.54	mg/l		0.3	UKAS	SX	38	
Potassium	1.22	mg/l		0.1	UKAS	SX	38	

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Final Report

Report ID - 20101612 - 1

Batch description: Aqueous samples for analysis



Reported on: 22-Nov-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003594877 Sampled on: 10-Nov-16 @ 07:35

Comments: Ilsington Out

Quote No: 7163	Matrix: Freshwater							
Analyte Nitrate as N	<u>Result</u> 7.30	<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	
Orthophosphate, Filtered as P	<0.0100	mg/l		0.01	UKAS	SX	237	
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25	
Nitrite as N	0.0133	mg/l		0.004	UKAS	SX	25	
Nitrogen : Total Oxidised as N	7.31	mg/l		0.2	UKAS	SX	25	
Orthophosphate, reactive as P	<0.0100	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		30	UKAS	SX	38	
Magnesium	2.57	mg/l		0.3	UKAS	SX	38	
Potassium	1.42	mg/l		0.1	UKAS	SX	38	

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Final Report

Report ID - 20101612 - 1

Batch description: Aqueous samples for analysis



Reported on: 22-Nov-2016

Vitacress Salads Ltd. 7163 Freshwater analysis Client: Project:

1.18

Freshwater analysis **Quote Description:** 

003594878 Sampled on: 10-Nov-16 @ 08:00 Folder No:

Comments: Doddings In

Potassium

Quote No: 7163 Matrix: Freshwater **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N <9.37 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P <0.0100 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N < 0.00400 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 9.37 0.2 UKAS SX 25 mg/l Orthophosphate, reactive as P <0.0100 0.01 **UKAS** SX 25 mq/l Phosphate: Total as P < 0.0200 0.02 SX 235 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 2.57 0.3 **UKAS** SX 38 mg/l 0.1

mg/l

**UKAS** 

SX

38



Final Report

Report ID - 20101612 - 1

Batch description: Aqueous samples for analysis



Reported on: 22-Nov-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003594879 Sampled on: 10-Nov-16 @ 08:10

Comments: Doddings Out

Quote No: 7163	Matrix: Freshwater							
Analyte Nitrate as N	<u>Result</u> 7.94	<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	
Orthophosphate, Filtered as P	0.0510	mg/l		0.01	UKAS	SX	237	
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25	
Nitrite as N	0.0255	mg/l		0.004	UKAS	SX	25	
Nitrogen : Total Oxidised as N	7.97	mg/l		0.2	UKAS	SX	25	
Orthophosphate, reactive as P	0.0560	mg/l		0.01	UKAS	SX	25	
Phosphate : Total as P	0.0663	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	2.69	mg/l		0.3	UKAS	SX	38	
Potassium	1.69	mg/l		0.1	UKAS	SX	38	

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Final Report

Report ID - 20101612 - 1

Batch description: Aqueous samples for analysis



Reported on: 22-Nov-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

2.31

Quote Description: Freshwater analysis

Folder No: 003594880 Sampled on: 10-Nov-16 @ 08:15

Comments: Manor Out

Potassium

Quote No: 7163 Matrix: Freshwater **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N 8.96 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.0240 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N 0.0164 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 8.98 0.2 UKAS SX 25 mg/l Orthophosphate, reactive as P 0.0230 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.02 SX 235 < 0.0200 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 2.42 0.3 **UKAS** SX 38 mg/l

mg/l

0.1

**UKAS** 

SX

38



Final Report

Report ID - 20101612 - 1

Batch description: Aqueous samples for analysis



Reported on: 22-Nov-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003594881 Sampled on: 10-Nov-16 @ 08:30

Comments: Hollybush In

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	tcode			
Nitrate as N	<12.4	mg/l			None	NLS	864			
Orthophosphate, Filtered as P	0.0120	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	12.4	mg/l		0.2	UKAS	SX	25			
Orthophosphate, reactive as P	0.0140	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		30	UKAS	SX	38			
Magnesium	2.53	mg/l		0.3	UKAS	SX	38			
Potassium	1.05	mg/l		0.1	UKAS	SX	38			





Final Report

Report ID - 20101612 - 1

Batch description: Aqueous samples for analysis



Reported on: 22-Nov-2016

Vitacress Salads Ltd. 7163 Freshwater analysis Client: Project:

Quote Description: Freshwater analysis

Folder No: 003594882 Sampled on: 10-Nov-16 @ 08:40

Comments: Hollybush Out

Quote No: 7163	Matrix: Freshwater						
<u>Analyte</u>	<u>Result</u>	<u>Result</u> <u>Units</u> <u>Flag</u>			<u>Accred</u>	Lab ID Tes	stcode
Nitrate as N	11.9	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.0100	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.0920	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0883	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	12.0	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0100	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		30	UKAS	SX	38
Magnesium	2.43	mg/l		0.3	UKAS	SX	38
Potassium	1.95	mg/l		0.1	UKAS	SX	38

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Final Report

Report ID - 20101612 - 1

Batch description: Aqueous samples for analysis



Reported on: 22-Nov-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003594883 Sampled on: 10-Nov-16 @ 08:55

Comments: Manor In

Quote No: 7163	Matrix: Freshwater									
<u>Analyte</u>	<u>Result</u>	<u>Units</u> <u>Flag</u>		<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u> <u>Tes</u>	tcode			
Nitrate as N	<11.2	mg/l			None	NLS	864			
Orthophosphate, Filtered as P	0.0110	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	11.2	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		30	UKAS	SX	38			
Magnesium	2.51	mg/l		0.3	UKAS	SX	38			
Potassium	1.88	mg/l		0.1	UKAS	SX	38			





Final Report

Report ID - 20101612 - 1

Batch description: Aqueous samples for analysis



Reported on: 22-Nov-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

1.65

Quote Description: Freshwater analysis

Folder No: 003594884 Sampled on: 10-Nov-16 @ 09:20

Comments: Spetisbury In

Potassium

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	tcode				
Nitrate as N	<9.82	mg/l			None	NLS	864				
Orthophosphate, Filtered as P	0.0120	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	9.82	mg/l		0.2	UKAS	SX	25				
Orthophosphate, reactive as P	0.0150	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		30	UKAS	SX	38				
Magnesium	2.20	mg/l		0.3	UKAS	SX	38				

mg/l

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0.1

UKAS

SX

38



Final Report

Report ID - 20101612 - 1

Batch description: Aqueous samples for analysis



Reported on: 22-Nov-2016

Vitacress Salads Ltd. 7163 Freshwater analysis Client: Project:

Quote Description: Freshwater analysis

Folder No: 003594885 Sampled on: 10-Nov-16 @ 09:25

Comments: Spetisbury Out

Quote No: 7163		Matrix: Freshwater						
<u>Analyte</u>	<u>Result</u>	<u>Result</u> <u>Units</u> <u>Flag</u>				Lab ID Tes	stcode	
Nitrate as N	9.29	mg/l			None	NLS	864	
Orthophosphate, Filtered as P	<0.0100	mg/l		0.01	UKAS	SX	237	
Ammoniacal Nitrogen as N	< 0.0300	mg/l		0.03	UKAS	SX	25	
Nitrite as N	0.0439	mg/l		0.004	UKAS	SX	25	
Nitrogen : Total Oxidised as N	9.33	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		30	UKAS	SX	38	
Magnesium	2.15	mg/l		0.3	UKAS	SX	38	
Potassium	1.80	mg/l		0.1	UKAS	SX	38	





Final Report

Report ID - 20101612 - 1

Batch description: Aqueous samples for analysis



Reported on: 22-Nov-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003594886 Sampled on: 10-Nov-16 @ 07:30

Comments: Abbotts Ann In

Quote No: 7163		Mat	rix: Freshw	/ater			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	stcode	
Nitrate as N	<7.96	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0120	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	7.96	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0100	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		30	UKAS	SX	38
Magnesium	1.68	mg/l		0.3	UKAS	SX	38
Potassium	0.840	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20101612 - 1

Batch description: Aqueous samples for analysis



Reported on: 22-Nov-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003594887 Sampled on: 10-Nov-16 @ 07:35

Comments: Abbotts Ann Out

Quote No: 7163		Matr	rix: Freshwate	er			
Analyte Nitrate as N	<u>Result</u> 8.70	<u>Units</u> mg/l	<u>Flag</u>	<u>MRV</u>	<u>Accred</u> None	<u>Lab ID_Tes</u> NLS	<u>tcode</u> 864
Orthophosphate, Filtered as P	0.0340	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0178	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	8.72	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0320	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0504	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	3.53	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.82	mg/l		0.3	UKAS	SX	38
Potassium	1.24	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20101612 - 1

Batch description: Aqueous samples for analysis



Reported on: 22-Nov-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003594888 Sampled on: 10-Nov-16 @ 07:45

Comments: St Marybourne In. B Block

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	<7.29	mg/l			None	NLS	864		
Orthophosphate, Filtered as P	0.0190	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	7.29	mg/l		0.2	UKAS	SX	25		
Orthophosphate, reactive as P	0.0150	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		30	UKAS	SX	38		
Magnesium	1.62	mg/l		0.3	UKAS	SX	38		
Potassium	0.912	mg/l		0.1	UKAS	SX	38		





Final Report

Report ID - 20101612 - 1

Batch description: Aqueous samples for analysis



Reported on: 22-Nov-2016

Vitacress Salads Ltd. 7163 Freshwater analysis Client: Project:

> Quote Description: Freshwater analysis

Folder No: 003594889 Sampled on: 10-Nov-16 @ 07:50

Comments: St Marybourne Out. B Block

Quote No: 7163		Mat	rix: Freshwa	ter			
<u>Analyte</u> Nitrate as N	<u>Result</u> 6.80	<u>Units</u> mg/l	<u>Flag</u>	<u>MRV</u>	<u>Accred</u> None	<u>Lab ID_Tes</u> NLS	<u>tcode</u> 864
Orthophosphate, Filtered as P	0.0710	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0153	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.82	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0660	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0784	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	1.57	mg/l		0.3	UKAS	SX	38
Potassium	1.57	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20101612 - 1

Batch description: Aqueous samples for analysis



Reported on: 22-Nov-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003594890 Sampled on: 10-Nov-16 @ 08:00

Comments: St Marybourne In. D Block

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	<6.62	mg/l			None	NLS	864			
Orthophosphate, Filtered as P	0.0520	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	6.62	mg/l		0.2	UKAS	SX	25			
Orthophosphate, reactive as P	0.0220	mg/l		0.01	UKAS	SX	25			
Phosphate : Total as P	0.0252	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	1.58	mg/l		0.3	UKAS	SX	38			
Potassium	0.946	mg/l		0.1	UKAS	SX	38			





Final Report

Report ID - 20101612 - 1

Batch description: Aqueous samples for analysis



Reported on: 22-Nov-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003594891 Sampled on: 10-Nov-16 @ 08:10

Comments: St Marybourne Out. D Block

Quote No: 7163	Matrix: Freshwater								
<u>Analyte</u> Nitrate as N			<u>MRV</u>	<u>Accred</u> None	<u>Lab ID_Tes</u> NLS	<u>stcode</u> 864			
		mg/l		0.01					
Orthophosphate, Filtered as P	0.0240	mg/l		0.01	UKAS	SX	237		
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25		
Nitrite as N	0.0123	mg/l		0.004	UKAS	SX	25		
Nitrogen : Total Oxidised as N	6.48	mg/l		0.2	UKAS	SX	25		
Orthophosphate, reactive as P	0.0400	mg/l		0.01	UKAS	SX	25		
Phosphate : Total as P	0.0472	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	1.57	mg/l		0.3	UKAS	SX	38		
Potassium	0.920	mg/l		0.1	UKAS	SX	38		





Final Report

Report ID - 20101612 - 1

Batch description: Aqueous samples for analysis



Reported on: 22-Nov-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003594892 Sampled on: 10-Nov-16 @ 08:15

Comments: St Marybourne River

Quote No: 7163	Matrix: Freshwater									
<u>Analyte</u> Nitrate as N	<u>Result</u> 6.57	<u>Units</u> mg/l	<u>Flag</u>	<u>MRV</u>	<u>Accred</u> None	<u>Lab ID_Tes</u> NLS	<u>tcode</u> 864			
Orthophosphate, Filtered as P	0.0420	mg/l		0.01	UKAS	SX	237			
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25			
Nitrite as N	0.00560	mg/l		0.004	UKAS	SX	25			
Nitrogen : Total Oxidised as N	6.58	mg/l		0.2	UKAS	SX	25			
Orthophosphate, reactive as P	0.0470	mg/l		0.01	UKAS	SX	25			
Phosphate : Total as P	0.0566	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	1.56	mg/l		0.3	UKAS	SX	38			
Potassium	1.23	mg/l		0.1	UKAS	SX	38			



Final Report

Report ID - 20101612 - 1

Batch description: Aqueous samples for analysis



Reported on: 22-Nov-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003594893 Sampled on: 10-Nov-16 @ 08:35

Comments: Pinglestone In

Quote No: 7163	Matrix: Freshwater								
<u>Analyte</u>	<u>Result</u>	<u>Units</u> <u>Flag</u>		<u>Units Flag MRV Accred Lab I</u>					tcode
Nitrate as N	<7.10	mg/l			None	NLS	864		
Orthophosphate, Filtered as P	0.0250	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	7.10	mg/l		0.2	UKAS	SX	25		
Orthophosphate, reactive as P	0.0230	mg/l		0.01	UKAS	SX	25		
Phosphate : Total as P	0.0214	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	1.86	mg/l		0.3	UKAS	SX	38		
Potassium	1.01	mg/l		0.1	UKAS	SX	38		



Final Report

Report ID - 20101612 - 1

Batch description: Aqueous samples for analysis



Reported on: 22-Nov-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003594894 Sampled on: 10-Nov-16 @ 08:40

Comments: Pinglestone Out

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 Testcode			
Nitrate as N	6.92	mg/l			None	NLS	864		
Orthophosphate, Filtered as P	0.0270	mg/l		0.01	UKAS	SX	237		
Ammoniacal Nitrogen as N	0.0370	mg/l		0.03	UKAS	SX	25		
Nitrite as N	0.0256	mg/l		0.004	UKAS	SX	25		
Nitrogen : Total Oxidised as N	6.95	mg/l		0.2	UKAS	SX	25		
Orthophosphate, reactive as P	0.0230	mg/l		0.01	UKAS	SX	25		
Phosphate : Total as P	0.0287	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	1.89	mg/l		0.3	UKAS	SX	38		
Potassium	1.20	mg/l		0.1	UKAS	SX	38		

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Final Report

Report ID - 20101612 - 1

Batch description: Aqueous samples for analysis



Reported on: 22-Nov-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003594895 Sampled on: 10-Nov-16 @ 08:55

Comments: Warnford In

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	tcode	
Nitrate as N	<7.59	mg/l			None	NLS	864	
Orthophosphate, Filtered as P	0.0170	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	7.59	mg/l		0.2	UKAS	SX	25	
Orthophosphate, reactive as P	0.0150	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		30	UKAS	SX	38	
Magnesium	2.23	mg/l		0.3	UKAS	SX	38	
Potassium	0.745	mg/l		0.1	UKAS	SX	38	





Final Report

Report ID - 20101612 - 1

Batch description: Aqueous samples for analysis



Reported on: 22-Nov-2016

Client: Vitacress Salads Ltd. Project: 7163 Freshwater analysis

Quote Description: Freshwater analysis

Folder No: 003594896 Sampled on: 10-Nov-16 @ 09:00

Comments: Warnford Out

Quote No: 7163	Matrix: Freshwater								
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes				
Nitrate as N	7.37	mg/l			None	NLS	864		
Orthophosphate, Filtered as P	0.0240	mg/l		0.01	UKAS	SX	237		
Ammoniacal Nitrogen as N	0.0620	mg/l		0.03	UKAS	SX	25		
Nitrite as N	0.0168	mg/l		0.004	UKAS	SX	25		
Nitrogen : Total Oxidised as N	7.39	mg/l		0.2	UKAS	SX	25		
Orthophosphate, reactive as P	0.0230	mg/l		0.01	UKAS	SX	25		
Phosphate : Total as P	0.0317	mg/l		0.02	UKAS	SX	235		
Solids, Suspended at 105 C	3.08	mg/l		3	UKAS	SX	869		
Zinc	<5	ug/l		5	UKAS	SX	34		
Iron	<30	ug/l		30	UKAS	SX	38		
Magnesium	2.15	mg/l		0.3	UKAS	SX	38		
Potassium	0.971	mg/l		0.1	UKAS	SX	38		





Final Report

Report ID - 20101612 - 1

Batch description: Aqueous samples for analysis



Reported on: 22-Nov-2016

#### Method Description Summary for all samples in batch Number 20101612

- 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
- 35 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

Any additional accompanying reports received should be used in conjunction with the formal PDF and not as a standalone report. The formal PDF report provides full details of the accreditation status, sample deviation information and any other relevant related information.

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.

Minimum Reporting Value (MRV). A minimum concentration selected for reporting purposes (i.e. the less than value), which is higher than the statistically derived method limit of detection.

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

Uncertainty of Measurement information relating to sample results is supplied upon request. Uncertainty is estimated from the performance of routine quality control standards, using the calculation 2 X Relative Standard Deviation + Bias. This is based on the guidance issued by the UKTAG Chemistry task team - Guidance on the implementation of the Quality Assurance/Quality Control requirements' associated with Commission Directive 2009/90/EC, Article 4 (UoM = 2 X %RSD), with a contribution added for the bias.

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** 

