



Certificate of Analysis

Certificate Number 24-24585

Issued: 20-Nov-24

Client MBL Autospares Ltd
Kilnhurst Road
Ortherham
S64 5TL

Our Reference 24-24585

Client Reference ~ (not supplied)

Order No ~ (not supplied)

Contract Title ~ Kilnhurst RD, Rotherham

Description 2 Water No Information Supplied samples.

Date Received 13-Nov-24

Date Started 13-Nov-24

Date Completed 20-Nov-24

Test Procedures Identified by prefix DETSn (details on request).

Notes Opinions and interpretations are outside the laboratory's scope of ISO 17025 accreditation. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

Approved By

A handwritten signature in black ink, appearing to read "K. Bridgewood".

Kirk Bridgewood
General Manager



2139

Normec DETS Limited

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Page 1 of 4

Summary of Chemical Analysis

Water Samples

Our Ref 24-24585

Client Ref ~

Contract Title ~ Kilnhurst RD, Rotherham

Lab No	2423421	2423422
Sample ID ~	SAMPLE 1	SAMPLE 2
Depth ~		
Other ID ~		
Sample Type ~	WATER UNKNOWN	WATER UNKNOWN
Sampling Date ~	04/11/2024	04/11/2024
Sampling Time ~	n/s	n/s

Test	Method	LOD	Units		
Metals					
Arsenic, Dissolved	DETSC 2306	0.16	ug/l	< 0.16	< 0.16
Boron, Dissolved	DETSC 2306*	12	ug/l	760	380
Cadmium, Dissolved	DETSC 2306	0.03	ug/l	< 0.03	< 0.03
Chromium, Dissolved	DETSC 2306	0.25	ug/l	6.0	3.2
Copper, Dissolved	DETSC 2306	0.4	ug/l	1.4	0.6
Lead, Dissolved	DETSC 2306	0.09	ug/l	0.54	0.34
Mercury, Dissolved	DETSC 2306	0.01	ug/l	0.03	0.01
Nickel, Dissolved	DETSC 2306	0.5	ug/l	7.1	3.8
Selenium, Dissolved	DETSC 2306	0.25	ug/l	0.89	0.56
Zinc, Dissolved	DETSC 2306	1.3	ug/l	15	12
Inorganics					
Suspended Solids	DETSC 2034	5	mg/l	54	36
Petroleum Hydrocarbons					
Aliphatic C5-C6	DETSC 3322	0.1	ug/l	< 0.1	< 0.1
Aliphatic C6-C8	DETSC 3322	0.1	ug/l	< 0.1	< 0.1
Aliphatic C8-C10	DETSC 3322	0.1	ug/l	< 0.1	< 0.1
Aliphatic C10-C12	DETSC 3072*	1	ug/l	6.8	< 1.0
Aliphatic C10-C44	DETSC 3072*	1	ug/l	1000	84
Aliphatic C12-C16	DETSC 3072*	1	ug/l	83	6.5
Aliphatic C16-C21	DETSC 3072*	1	ug/l	210	15
Aliphatic C21-C35	DETSC 3072*	1	ug/l	710	62
Aliphatic C35-C44	DETSC 3072*	1	ug/l	< 1.0	< 1.0
Aromatic C5-C7	DETSC 3322	0.1	ug/l	< 0.1	< 0.1
Aromatic C7-C8	DETSC 3322	0.1	ug/l	7.6	3.5
Aromatic C8-C10	DETSC 3322	0.1	ug/l	110	69
Aromatic C10-C12	DETSC 3072*	1	ug/l	120	6.1
Aromatic C12-C16	DETSC 3072*	1	ug/l	210	13
Aromatic C16-C21	DETSC 3072*	1	ug/l	170	4.2
Aromatic C21-C35	DETSC 3072*	1	ug/l	270	8.9
Aromatic C35-C44	DETSC 3072*	1	ug/l	< 1.0	< 1.0
Aromatic C10-C44	DETSC 3072*	1	ug/l	760	32
Ali/Aro C10-C44	DETSC 3072*	1	ug/l	1800	120
Benzene	DETSC 3322	1	ug/l	< 1.0	< 1.0
Toluene	DETSC 3322	1	ug/l	7.6	3.5
Ethylbenzene	DETSC 3322	1	ug/l	< 1.0	< 1.0
Xylene	DETSC 3322	1	ug/l	27	11
MTBE	DETSC 3322	1	ug/l	< 1.0	< 1.0
PAHs					
Naphthalene	DETSC 3304	0.05	ug/l	9.0	6.0
Acenaphthylene	DETSC 3304	0.01	ug/l	< 1.00	< 1.00
Acenaphthene	DETSC 3304	0.01	ug/l	< 1.00	< 1.00

Summary of Chemical Analysis

Water Samples

Our Ref 24-24585

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Contract Title ~ Kilnhurst RD, Rotherham

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Depth ~		
Other ID ~		
Sample Type ~	WATER UNKNOWN	WATER UNKNOWN
Sampling Date ~	04/11/2024	04/11/2024
Sampling Time ~	n/s	n/s

Test	Method	LOD	Units		
Fluorene	DETSC 3304	0.01	ug/l	< 1.00	< 1.00
Phenanthrene	DETSC 3304	0.01	ug/l	< 1.00	< 1.00
Anthracene	DETSC 3304	0.01	ug/l	< 1.00	< 1.00
Fluoranthene	DETSC 3304	0.01	ug/l	< 1.00	< 1.00
Pyrene	DETSC 3304	0.01	ug/l	< 1.00	< 1.00
Benzo(a)anthracene	DETSC 3304*	0.01	ug/l	< 1.00	< 1.00
Chrysene	DETSC 3304	0.01	ug/l	< 1.00	< 1.00
Benzo(b)fluoranthene	DETSC 3304	0.01	ug/l	< 1.00	< 1.00
Benzo(k)fluoranthene	DETSC 3304	0.01	ug/l	< 1.00	< 1.00
Benzo(a)pyrene	DETSC 3304	0.01	ug/l	< 1.00	< 1.00
Indeno(1,2,3-c,d)pyrene	DETSC 3304	0.01	ug/l	< 1.00	< 1.00
Dibenzo(a,h)anthracene	DETSC 3304	0.01	ug/l	< 1.00	< 1.00
Benzo(g,h,i)perylene	DETSC 3304	0.01	ug/l	< 1.00	< 1.00
PAH Total	DETSC 3304	0.2	ug/l	< 20.00	< 20.00

2423421, 2423422 - WATER UNKNOWN testing is not accredited

Information in Support of the Analytical Results

Our Ref 24-24585

Client Ref ~

Contract ~ Kilnhurst RD, Rotherham

Containers Received & Deviating Samples

Lab No	Sample ID ~	Date Sampled ~	Containers Received	Holding time exceeded for tests	Inappropriate container for tests
2423421	SAMPLE 1 WATER UNKNOWN	04/11/24	P(other)	Aliphatics/Aromatics (4 days), PAH MS (4 days), Suspended s (2 days)	
2423422	SAMPLE 2 WATER UNKNOWN	04/11/24	P(other)	Aliphatics/Aromatics (4 days), PAH MS (4 days), Suspended s (2 days)	

Key: P-Plastic

DETS cannot be held responsible for the integrity of samples received whereby the laboratory did not undertake the sampling. In this instance samples received may be deviating. Deviating Sample criteria are based on British and International standards and laboratory trials in conjunction with the UKAS note 'Guidance on Deviating Samples'. All samples received are listed above. However, those samples that have additional comments in relation to hold time, inappropriate containers etc are deviating due to the reasons stated. This means that the analysis is accredited where applicable, but results may be compromised due to sample deviations. If no sampled date (soils) or date+time (waters) has been supplied then samples are deviating. However, if you are able to supply a sampled date (and time for waters) this will prevent samples being reported as deviating where specific hold times are not exceeded and where the container supplied is suitable.

Disposal

From the issue date of this test certificate, samples will be held for the following times prior to disposal :-

Soils - 1 month, Liquids - 2 weeks, Asbestos (test portion) - 6 months

Key:

~ Sample details are provided by the client and can affect the validity of the results

* -not accredited.

-MCERTS (accreditation only applies if report carries the MCERTS logo).

\$ -subcontracted.

n/s -not supplied.

I/S -insufficient sample.

U/S -unsuitable sample.

t/f -to follow.

nd -not detected.

End of Report