



2 Shaftesbury Industrial Centre, Icknield Way, Letchworth Garden City, Hertfordshire, SG6 1HE
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Certificate of Analysis

Report No.: 18-76163-1

Issue No.: 1

Date of Issue 10/10/2018

Customer Details: Exova (UK) Ltd, Unit 3, Deeside Point, Deeside Indust. Estate Zone 3, Chester, Flintshire, CH5 2UA

Customer Contact: Gareth Jones (3)

Customer Order No.: E208N18000277

Customer Reference: 18-43 B39

Quotation Reference: 180920/03

Description: 1 water sample

Date Received: 24/09/2018

Date Started: 27/09/2018

Date Completed: 10/10/2018

Test Methods: Details available on request (refer to SOP code against relevant result/s)

Notes: None

Approved By: **Matthew Hickson, Laboratory Manager**

This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service.

This certificate shall not be reproduced except in full without the prior written approval of the laboratory.

Observations and interpretations are outside of the scope of UKAS accreditation.

Results reported herein relate only to the items supplied to the laboratory for testing.

Results on an Interim Report are not dry-weight corrected.



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Results Summary

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Determinand		CAS No	Codes	SOP	Units	RL
4-n-nonylphenol		104-40-5	N	in house	ug/l	< 0.02
2,2',4,4',6-pentabromodiphenyl ether (BDE-100)		189084-64-8	N	in house	ug/l	< 0.10
2,2',3,4,4',5'-hexabromodiphenyl ether (BDE-138)		182677-30-1	N	in house	ug/l	< 0.10
2,2',4,4',5,5'-hexabromodiphenyl ether (BDE-153)		68631-49-2	N	in house	ug/l	< 0.10
2,2',4,4',5,6'-hexabromodiphenyl ether (BDE-154)		207122-15-4	N	in house	ug/l	< 0.10
2,2',4-tribromodiphenyl ether (BDE-17)			N	in house	ug/l	< 0.10
2,2',3,4,4',5,6-heptabromodiphenyl ether (BDE-183)			N	in house	ug/l	< 0.10
decabromodiphenylether (BDE-209)		1163-19-5	N	in house	ug/l	< 0.10
2,4,4'-tribromodiphenyl ether (BDE-28)		41318-75-6	N	in house	ug/l	< 0.10
2,2',4,4'-tetrabromodiphenyl ether (BDE-47)		5436-43-1	N	in house	ug/l	< 0.10
2,3',4,4'-tetrabromodiphenyl ether (BDE-66)		189084-61-5	N	in house	ug/l	< 0.10
2,2',3,4,4'-pentabromodiphenyl ether (BDE-85)		182346-21-0	N	in house	ug/l	< 0.10
2,2',4,4',5-pentabromodiphenyl ether (BDE-99)		60348-60-9	N	in house	ug/l	< 0.10
bromine		7726-95-6	N	in house	mg/l	< 0.10
ethylene diamine tetraacetic acid (EDTA)		60-00-4	N	in house	mg/l	< 1.0

Customer Sample No	18-430839
Customer Sample ID	W1
RPS Sample No	379043
Sample Type	WATER
Sampling Date	20/09/2018



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Comments

RPS Sample Number	Customer Number	Sample Comments
379043	18-430B39	This sample for EDTA was diluted (1:10) prior to extraction because of the nature of the sample matrix. The RL was raised accordingly.



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Deviating Samples

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Customer Reference: 18-43 B39

Customer Order No: E208N18000277

Our policy on Deviating Samples and reference list of Holding Times applied can be supplied on request. These have been implemented in accordance with UKAS Policy on Deviating Samples (TPS63).

RPS is not responsible for the integrity of samples as received, unless RPS personnel performed the sampling, and it is possible that samples submitted may be declared to be deviating.

Where applicable the analysis method remains UKAS accredited, however results reported for a deviating sample may be invalid. The reason for a sample being declared to be deviating is indicated below.

Where no sampling date was supplied, samples have been declared to be deviating. However, if a date of sampling can be supplied, the results may be reissued with the deviating sample status removed.

Where the sample container used was unsuitable, the appropriate Holding Time was exceeded, or the sample is flagged as deviating for some other reason, re-sampling/re-submission may be required.

RPS No.	Customer No.	Customer ID	Date Sampled	Containers Received	Deviating Sample	Reason for Sample Deviation
379043	18-430B39		20/09/2018	500ml green glass bottle	No	



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Report Information

Key to Report Codes

U	UKAS Accredited
F	UKAS Flexible Scope
M	MCERTS Accredited
N	Not accredited
O	Marine Management Organisation (MMO) Validated
S	Subcontracted to approved laboratory
US	Subcontracted to approved laboratory UKAS Accredited for the test
MS	Subcontracted to approved laboratory MCERTS/UKAS Accredited for the test
SI	Subcontracted to internal RPS Group laboratory
USI	Subcontracted to internal RPS Group laboratory UKAS Accredited for the test
MSI	Subcontracted to internal RPS Group laboratory MCERTS/UKAS Accredited for the test
I/S (in results)	Insufficient Sample
U/S (in results)	Unsuitable Sample
S/C (in results)	See Comments
ND (in results)	Not Detected
DW (in units)	Results are expressed on a dry weight basis

Sample Retention and Disposal

Samples will generally* be retained for the following times prior to disposal:

Perishables, e.g. foodstuffs	1 month (if frozen) from the issue date of this report
Waters	2 weeks from the issue date of this report
Other Liquids	1 month from the issue date of this report
Solids (including Soils)	1 month from the issue date of this report

*Sample retention may be subject to agreement with the customer for particular projects