

Certificate of Analysis

Report No.: **19-85935-1**

Issue No.: **1**
Date of Issue **27/08/2019**

Customer Details: Element Materials Technology, Unit 3, Deeside Point, Deeside Indust. Estate Zone 3, Chester, Flintshire, CH5 2UA

Customer Contact: Helen Jones

Customer Order No.: E208N19001455

Customer Reference: 19/12613

Quotation Reference: 190813/05

Description: 1 solid sample

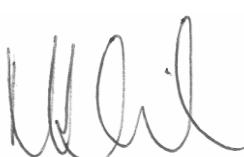
Date Received: 13/08/2019

Date Started: 19/08/2019

Date Completed: 22/08/2019

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.

Results Summary

Report No.: 19-85935-1

Customer Reference: 19/12613

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Customer Sample No	19/12613/3
Customer Sample ID	ASR 3
RPS Sample No	412515
Sample Type	SOLID
Sampling Date	02/08/2019

Determinand	CAS No	Codes	SOP	Units	RL
2,2,4,4',6-pentabromodiphenyl ether (BDE-100)	189084-64-8	N	in house	mg/kg	0.1
2,2,3,4,4',5'-hexabromodiphenyl ether (BDE-138)	182677-30-1	N	in house	mg/kg	0.1
2,2,4,4',5,5'-hexabromodiphenyl ether (BDE-153)	68631-49-2	N	in house	mg/kg	0.1
2,2,4,4',5,6'-hexabromodiphenyl ether (BDE-154)	207122-15-4	N	in house	mg/kg	0.1
2,2,4-tribromodiphenyl ether (BDE-17)		N	in house	mg/kg	< 0.10
2,2,3,4,4',5',6-heptabromodiphenyl ether (BDE-183)		N	in house	mg/kg	0.1
2,4,4'-tribromodiphenyl ether (BDE-28)	41318-75-6	N	in house	mg/kg	0.1
2,2',4,4'-tetrabromodiphenyl ether (BDE-47)	5436-43-1	N	in house	mg/kg	0.47
2,3,4,4'-tetrabromodiphenyl ether (BDE-66)	189084-61-5	N	in house	mg/kg	0.1
2,2',3,4,4'-pentabromodiphenyl ether (BDE-85)	182346-21-0	N	in house	mg/kg	< 0.10
2,2',4,4',5-pentabromodiphenyl ether (BDE-99)	60348-60-9	N	in house	mg/kg	0.1
					0.74

Deviating Samples

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Our policy on Deviating Samples has 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. 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 compromised.

Where no sampling date was supplied, samples have been declared to be deviating. If the date can be supplied, results may be reissued if assessed not deviating.

Where the sample container used was unsuitable or broken, the sample is flagged as deviating and re-sampling/re-submission may be required.

RPS No.	Customer No.	Customer ID	Date Sampled	Containers Received	Deviating	Reason for Deviation
412515	19/12613/3		02/08/2019	500ml clear glass jar	No	

Key Code	Description
U	UKAS Accredited Test - UKAS accreditation is only implied if the report carries the UKAS logo
F	UKAS Flexible Scope Test
M	MCERTS Accredited Test - MCERTS accreditation is only implied if the report carries the MCERTS logo
N	Not Accredited Test
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 Type	Sample Retention and Disposal Period
Foodstuff	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 / Soils	1 month from the issue date of this report
Sediments	1 month from the issue date of this report

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