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## Certificate of Analysis

**Report No.:** 16-57517-2

**Issue No.:** 1

**Date of Issue** 24/11/2016

Customer Details: Datesand Ltd, PO Box 45, Manchester, M11 1XD, M11 1XD

Customer Contact: Simon Thorp

Customer Order No.: 11149

Customer Reference: Not Supplied

Quotation Reference: 161031/03

Description: 1 solid sample

Date Received: 09/11/2016

Date Started: 15/11/2016

Date Completed: 24/11/2016

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.

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.

RPS Consulting Services Ltd.

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## Results Summary

Report No.: 16-57517-1

Customer Reference: Not Supplied

Customer Order No: 11149

						Customer Sample No	POLYCARB0001A
						Customer Sample ID	SZTENT, SZWEDGE, GZMTUN, GZRTUN, SZGPSL
						RPS Sample No	313653
						Sample Type	SOLID
Determinand	CAS No	Codes	SOP	Units	RL		
arsenic	7440-38-2	S	in house	mg/kg	0.2		< 0.20
cadmium	7440-43-9	S	in house	mg/kg	0.1		< 0.10
mercury	7439-97-6	S	in house	mg/kg	0.05		< 0.05
lead	7439-92-1	S	in house	mg/kg	0.3		< 0.30
selenium	7782-49-2	S	in house	mg/kg	0.5		< 0.50
aflatoxin B1	1162-65-8		in house	ug/kg	1		< 1.00
aflatoxin B2	7220-81-7		in house	ug/kg	1		< 1.00
aflatoxin G1	1165-39-5		in house	ug/kg	1		< 1.00
aflatoxin G2	7241-98-7		in house	ug/kg	1		< 1.00
aldrin	309-00-2		in house	mg/kg	0.02		< 0.02
carbofenthiol	786-19-6		in house	mg/kg	0.2		< 2.00
cis-chlordane	5103-71-9		in house	mg/kg	0.02		< 0.02
trans-chlordane	5103-74-2		in house	mg/kg	0.02		< 0.02
diazinon	333-41-5		in house	mg/kg	0.1		< 1.00
dieldrin	60-57-1		in house	mg/kg	0.02		< 0.02
disulfoton	298-04-4		in house	mg/kg	0.1		< 1.00
endrin	72-20-8		in house	mg/kg	0.02		< 0.02
endosulfan A	959-98-8		in house	mg/kg	0.02		< 0.02
endosulfan B	33213-65-9		in house	mg/kg	0.02		< 0.02
ethion	563-12-2		in house	mg/kg	0.1		< 1.00
hexachlorobenzene (HCB)	118-74-1		in house	mg/kg	0.02		< 0.02
heptachlor epoxide	1024-57-3		in house	mg/kg	0.02		< 0.02
heptachlor	76-44-8		in house	mg/kg	0.02		< 0.02
isodrin	465-73-6		in house	mg/kg	0.02		< 0.02
malathion	121-75-5		in house	mg/kg	0.1		< 1.00
mirex	2385-85-5		in house	mg/kg	0.02		< 0.02
methoxychlor	72-43-5		in house	mg/kg	0.02		< 0.02
2,2',4,5,5'-pentachlorobiphenyl (PCB congener 101)	37680-73-2		319	mg/kg	0.005		< 0.005
2,3',4,4',5-pentachlorobiphenyl (PCB congener 118)	31508-00-6		319	mg/kg	0.005		< 0.005
2,2',3,4,4',5-hexachlorobiphenyl (PCB 138)	35065-28-2		319	mg/kg	0.005		< 0.005
2,2',4,4',5,5'-hexachlorobiphenyl (PCB 153)	35065-27-1		319	mg/kg	0.005		< 0.005
2,2',3,4,4',5,5'-heptachlorobiphenyl (PCB 180)	35065-29-3		319	mg/kg	0.005		< 0.005
2,4,4'-trichlorobiphenyl (PCB congener 28)	7012-37-5		319	mg/kg	0.005		< 0.005
2,2',5,5'-tetrachlorobiphenyl (PCB congener 52)	35693-99-3		319	mg/kg	0.005		< 0.005
parathion-ethyl	56-38-2		in house	mg/kg	0.1		< 1.00
parathion-methyl	298-00-0		in house	mg/kg	0.1		< 1.00
phorate	298-02-2		in house	mg/kg	0.1		< 1.00
toxaphene (camphechlor)	8001-35-2		in house	mg/kg	2		< 2.00
trifluralin	1582-09-8		in house	mg/kg	0.02		< 0.02
alpha-hexachlorocyclohexane (alpha-HCH)	319-84-6		in house	mg/kg	0.02		< 0.02
beta-hexachlorocyclohexane (beta-HCH, beta-BHC)	319-85-7		in house	mg/kg	0.02		< 0.02
delta-hexachlorocyclohexane (delta-HCH)	319-86-8		in house	mg/kg	0.02		< 0.02
gamma-hexachlorocyclohexane (lindane)	58-89-9		in house	mg/kg	0.02		< 0.02
o,p'-DDD (o,p'-TDE)	53-19-0		in house	mg/kg	0.02		< 0.02
o,p'-DDE	3424-82-6		in house	mg/kg	0.02		< 0.02
o,p'-DDT	789-02-6		in house	mg/kg	0.02		< 0.02
p,p'-DDD (p,p'-TDE)	72-54-8		in house	mg/kg	0.02		< 0.02
p,p'-DDE	72-55-9		in house	mg/kg	0.02		< 0.02
p,p'-DDT	50-29-3		in house	mg/kg	0.02		< 0.02



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**Report No.: 16-57517-1**

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Customer Order No: 11149

**Comments**

RPS Sample Number	Customer Number	Sample Comments
313653	001A	The total Aflatoxin concentration <4ug/kg.  Due to nature of the sample matrix, the extract could not be blown down completely. The extraction was done as 1:10 and reporting limit has been raised for Disulfoton, Diazonon, Malathion, Phorate, Parathion methyl, Parathion ethyl, Ethion and Carbofenthion.



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## Report Information

### Key to Report Codes

U	UKAS Accredited
M	MCERTS Accredited
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