

Simon Thorpe
 Datesand Ltd
 PO Box 45
 Manchester
 Greater Manchester
 M11 1XD

PO Number **12164**

AR-17-EQ-003613-01

Reported on **14/06/2017**
 Reported by **Sarah Smith, Analytical Services
 Manager**

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Certificate Of Analysis

Sample number	106-2017-20004679	Received on	15/05/2017
Your sample reference	Batch 152; Spruce Laboratory Bedding: Eco-Pure Chips 6, Eco-Pure Chips 7D, Eco-Pure Flakes 5, Eco-Pure Flakes 10, Eco-Pure Shavings, Eco-Pure XL Shavings, Eco-Pure Lab Mix	Your sample code	Batch 152

<u>Test Code</u>	<u>Analyte</u>	<u>Result</u>
Elements		
† UD737	Boron	1.51 mg/kg
† UD024	Copper	0.853 mg/kg
† UD035	Fluoride (acid soluble)	1.05 mg/kg
† UD025	Zinc	6.91 mg/kg

Toxic Elements		
† UD401	Arsenic	0.015 mg/kg
† UD033	Cadmium	0.098 mg/kg
† UD032	Lead	0.207 mg/kg
† UD579	Mercury	0.003 mg/kg

Mycotoxins		
† UD142	Aflatoxin B1	<0.2 µg/kg
† UD142	Aflatoxin B2	<0.2 µg/kg
† UD142	Aflatoxin G1	<0.2 µg/kg
† UD142	Aflatoxin G2	<0.2 µg/kg
† UD142	Total aflatoxin	<0.8 µg/kg

Pesticides		
† SP201	Screened pesticides	Not Detected
† SP203	Screened pesticides	Not Detected

Microbiology		
† UM274	Aerobic Plate Count 30°C	< 10 cfu/g
† UM161	Coliforms	< 10 cfu/g
† UM206	Escherichia coli	< 5 cfu/g
† UM193	Faecal Streptococci	< 10 cfu/g
† UM350	Moulds	400 cfu/g
† UM350	Yeast	< 10 cfu/g
† UM682	Salmonella	Not Detected /25 g
† UM02Y	Sulphite Reducing Clostridia	< 10 cfu/g
† GFU08	PCB 105	< 16.1 ng/kg
† GFU08	PCB 114	< 1.94 ng/kg
† GFU08	PCB 118	< 57.9 ng/kg

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<u>Test Code</u>	<u>Analyte</u>	<u>Result</u>
† GFU08	PCB 123	< 1.65 ng/kg
† GFU08	PCB 126	< 2.11 ng/kg
† GFU08	PCB 156	< 9.09 ng/kg
† GFU08	PCB 157	< 1.86 ng/kg
† GFU08	PCB 167	< 4.55 ng/kg
† GFU08	PCB 169	< 4.96 ng/kg
† GFU08	PCB 189	< 1.65 ng/kg
† GFU08	PCB 77	< 7.44 ng/kg
† GFU08	PCB 81	< 1.61 ng/kg
† GFU08	WHO(2005)-PCB TEQ (lower-bound)	Not Detected ng/kg
† GFU08	WHO(2005)-PCB TEQ (upper-bound)	0.364 ng/kg

Unless stated, all results are expressed on a sample as received basis.
 † Indicates that this test was subcontracted

Key: cfu colony forming units
 < denotes less than
 > denotes greater than
 ~ estimated value

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