



RAM THANANCHAYAN
 SWIFT GLOBAL ECO SOLUTION
 LTD
 14 KINGSLEY STREET
 KIRBY IN ASHFIELD
 NOTTINGHAMSHIRE NG17 7BA

T744

Please quote above code for all enquiries

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COIR

ANALYSIS REPORT

Sample Reference :
 COIR10010201

Laboratory References	
Report Number	10142
Sample Number	90848

Sample Matrix : RICHGROW PREMIUM "GROW DISKETTES"

Date Received	23-APR-2018
Date Reported	14-MAY-2018

The sample submitted was of adequate size to complete all analysis requested.

The sample will be kept as the dry ground sample for at least 1 month.

If we are unable to accurately measure the density of the sample due to its non-homogeneous state, the density will be assumed to be 700 g/l.

ANALYTICAL RESULTS

Determinand	In the dry matter		As received (Fresh)	
	Value	Units	Value	Units
E Coli [fresh]			80	cfu/g
Salmonella spp [fresh]			Negative	
Bulk Density			425	g/l
Oven Dry Matter			18.2	%
Moisture			81.8	%
Organic Matter LOI	85.5	%w/w		
Organic Carbon	49.7	%w/w		
pH			6.0	
Electrical Conductivity			56	uS/cm
Electrical Conductivity			6	mS/m

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ANALYTICAL RESULTS

Determinand	In the dry matter		As received (Fresh)	
	Value	Units	Value	Units
Water Soluble Chloride 1:5	840.3	mg/kg	65.0	mg/l
Water Soluble Nitrate-N 1:5	116.4	mg/kg	9.0	mg/l
Water Soluble Ammon-N 1:5	310.3	mg/kg	24.0	mg/l
Total Soluble Nitrogen	426.7	mg/kg	33.0	mg/l
Ammonium-N : Nitrate-N Ratio	2.7:1		2.7:1	
Water Soluble Sodium (Na)1:5	604.1	mg/kg	46.7	mg/l
PCB EC7			<2	ug/kg
PAH EPA16			5.6	mg/kg
AF Porosity - Rapid Method			Insufficient sample	
Coliforms [fresh]			87000	cfu/g

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ANALYTICAL RESULTS

Determinand	In the dry matter		As received (Fresh)	
	Value	Units	Value	Units
Naphthalene			<0.05	mg/kg
Acenaphthylene			<0.05	mg/kg
Acenaphthene			<0.05	mg/kg
Fluorene			<0.05	mg/kg
Phenanthrene			0.6	mg/kg
Anthracene			<0.05	mg/kg
Fluoranthene			0.8	mg/kg
Pyrene			0.6	mg/kg
Benzo[a]anthracene			0.5	mg/kg
Chrysene			0.5	mg/kg

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ANALYTICAL RESULTS

Determinand	In the dry matter		As received (Fresh)	
	Value	Units	Value	Units
Benzo[b]fluoranthene			0.6	mg/kg
Benzo[k]fluoranthene			0.5	mg/kg
Benzo[a]pyrene			0.4	mg/kg
Indeno[1,2,3-cd]pyrene			0.4	mg/kg
Dibenzo[a,h]anthracene			0.4	mg/kg
Benzo[g,h,i]perylene			0.4	mg/kg
PCB-28			<0.5	ug/kg
PCB-52			<0.5	ug/kg
PCB-101			<0.5	ug/kg
PCB-118			<0.5	ug/kg

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ANALYTICAL RESULTS

Determinand	In the dry matter		As received (Fresh)	
	Value	Units	Value	Units
PCB-153			<0.5	ug/kg
PCB-138			<0.5	ug/kg
PCB-180			<0.5	ug/kg
Total Plastics > 2mm	0.00	%		
Total Glass > 2mm	0.00	%		
Total Metals > 2mm	0.00	%		
Stones > 2mm	0.00	%		

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