



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

T744

Please quote above code for all enquiries

RAM THANANCHAYAN
 RECONSTITUTED COIR

ANALYSIS REPORT

Sample Reference :

RICH GROW PREMIUM200

Sample Matrix : **COMPOST**

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.

Laboratory References

Report Number 12606
 Sample Number 91309

Date Received 14-MAY-2018
 Date Reported 25-MAY-2018

ANALYTICAL RESULTS

Determinand	In the dry matter		As received (Fresh)	
	Value	Units	Value	Units
E Coli [fresh]			1500000	cfu/g
Salmonella spp [fresh]			Negative	
Bulk Density			389	g/l
Oven Dry Matter			23.1	%
Moisture			76.9	%
Organic Matter LOI	76.4	%w/w		
Organic Carbon	44.4	%w/w		
pH			6.4	
Electrical Conductivity			215	uS/cm
Electrical Conductivity			22	mS/m

Released by *J Doyle*

Date *25/05/18*

NRM Coopers Bridge, Braziers Lane, Bracknell, Berkshire RG42 6NS
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	Value	Units	Value	Units
Water Soluble Chloride 1:5	3004.7	mg/kg	270.0	mg/l
Water Soluble Nitrate-N 1:5	<1	mg/kg	<1	mg/l
Water Soluble Ammon-N 1:5	46.2	mg/kg	4.2	mg/l
Total Soluble Nitrogen	46.2	mg/kg	4.2	mg/l
Ammonium-N : Nitrate-N Ratio	NA		NA	
Water Soluble Sodium (Na)1:5	853.9	mg/kg	76.7	mg/l
Total Copper (Cu)	9.24	mg/kg	<1	mg/l
Total Iron (Fe)	3779	mg/kg	340	mg/l
Total Manganese (Mn)	89.3	mg/kg	8.0	mg/l
Total Zinc (Zn)	21.1	mg/kg	<5	mg/l

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	Value	Units	Value	Units
Total Lead (Pb)	2.05	mg/kg	<1	mg/l
Total Cadmium (Cd)	<0.1	mg/kg	<0.1	mg/l
Total Mercury (Hg)	<0.1	mg/kg	<0.1	mg/l
Total Nickel (Ni)	11.0	mg/kg	<1	mg/l
Total Chromium (Cr)	16.6	mg/kg	<2	mg/l
Total Bismuth	<0.1	mg/kg		
PCB EC7			<2	ug/kg
PAH EPA16			<1	mg/kg
Bulk Density		g/l		g/l
Total Arsenic (As)	<0.5	mg/kg		

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	Value	Units	Value	Units
Thallium	<0.1	mg/kg		
Coliforms [fresh]			200000	cfu/g
Naphthalene			<0.05	mg/kg
Acenaphthylene			<0.05	mg/kg
Acenaphthene			<0.05	mg/kg
Fluorene			<0.05	mg/kg
Phenanthrene			<0.1	mg/kg
Anthracene			<0.05	mg/kg
Fluoranthene			<0.1	mg/kg
Pyrene			<0.1	mg/kg

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	Value	Units	Value	Units
Benzo[a]anthracene	<0.1	mg/kg	<0.1	mg/kg
Chrysene	<0.1	mg/kg	<0.1	mg/kg
Benzo[b]fluoranthene	<0.1	mg/kg	<0.1	mg/kg
Benzo[k]fluoranthene	<0.1	mg/kg	<0.1	mg/kg
Benzo[a]pyrene	<0.1	mg/kg	<0.1	mg/kg
Indeno[1,2,3-cd]pyrene	<0.1	mg/kg	<0.1	mg/kg
Dibenzo[a,h]anthracene	<0.1	mg/kg	<0.1	mg/kg
Benzo[g,h,i]perylene	<0.1	mg/kg	<0.1	mg/kg
PCB-28	<0.5	ug/kg	<0.5	ug/kg
PCB-52	<0.5	ug/kg	<0.5	ug/kg

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PCB-101	<0.5	ug/kg		
PCB-118	<0.5	ug/kg		
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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