



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

T744

Please quote above code for all enquiries

RECONSTITUTED BY LAB

COIR

ANALYSIS REPORT

Sample Reference :

COIR10010301

| Laboratory References | |
|-----------------------|-------|
| Report Number | 10142 |
| Sample Number | 90849 |

Sample Matrix : RICHGROW HOBBY "BRIQUETTES"

| | |
|---------------|-------------|
| 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] | | | <10 | cfu/g |
| Salmonella spp [fresh] | | | Negative | |
| Bulk Density | | | 409 | g/l |
| Oven Dry Matter | | | 20.2 | % |
| Moisture | | | 79.8 | % |
| Organic Matter LOI | 85.3 | %w/w | | |
| Organic Carbon | 49.6 | %w/w | | |
| pH | | | 6.1 | |
| Electrical Conductivity | | | 59 | uS/cm |
| Electrical Conductivity | | | 6 | mS/m |

Released by

NRM Coopers Bridge, Braziers Lane, Bracknell, Berkshire RG42 6NS
 Tel: +44 (0) 1344 886338 Fax: +44 (0) 1344 890972 Email: enquiries@nrm.uk.com www.nrm.uk.com



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|------------------------------|-------------------|-------|---------------------|-------|
| | Value | Units | Value | Units |
| Water Soluble Chloride 1:5 | 724.8 | mg/kg | 60.0 | mg/l |
| Water Soluble Nitrate-N 1:5 | 96.6 | mg/kg | 8.0 | mg/l |
| Water Soluble Ammon-N 1:5 | 289.9 | mg/kg | 24.0 | mg/l |
| Total Soluble Nitrogen | 386.5 | mg/kg | 32.0 | mg/l |
| Ammonium-N : Nitrate-N Ratio | 3.0:1 | | 3.0:1 | |
| Water Soluble Sodium (Na)1:5 | 594.0 | mg/kg | 49.2 | mg/l |
| PCB EC7 | | | <2 | ug/kg |
| PAH EPA16 | | | <1 | mg/kg |
| AF Porosity - Rapid Method | | | Insufficient sample | |
| Coliforms [fresh] | | | 53000 | 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 | <0.05 | mg/kg |
| Acenaphthylene | <0.05 | mg/kg | <0.05 | mg/kg |
| Acenaphthene | <0.05 | mg/kg | <0.05 | mg/kg |
| Fluorene | <0.05 | mg/kg | <0.05 | mg/kg |
| Phenanthrene | <0.1 | mg/kg | <0.1 | mg/kg |
| Anthracene | <0.05 | mg/kg | <0.05 | mg/kg |
| Fluoranthene | <0.1 | mg/kg | <0.1 | mg/kg |
| Pyrene | <0.1 | mg/kg | <0.1 | mg/kg |
| Benzo[a]anthracene | <0.1 | mg/kg | <0.1 | mg/kg |
| Chrysene | <0.1 | mg/kg | <0.1 | mg/kg |

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| | Value | Units | Value | Units |
| 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 |
| PCB-101 | <0.5 | ug/kg | <0.5 | ug/kg |
| PCB-118 | <0.5 | ug/kg | <0.5 | ug/kg |

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| | 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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