

GREEN LEAF RECYCLING LTD
LANE FARM
BEDLINGTON
NORTHUMBERLAND
NE22 6AA

ANALYSIS REPORT ~ COMPOSTED MATERIAL

Customer information

Composting site Lane Farm
Grade (particle size range) 0-15mm
Grade Type Principal Grade
CA's Code GLR-LF-0015
Date sampled 17/11/2022
Batch age when sampled 17 Weeks
Producer's sample code 07221

Laboratory information

Received at lab 18/11/2022
Lab sample name 07221 0-15MM 17WKS
Lab sample number 141573
Report by Linaben Patel
Report date 21/12/2022 02:10pm
Report number 45584

SUMMARY ~ PAS100 "PASS" OR "FAIL"

Parameter	Result	PAS 100 upper limit	Unit	Pass or Fail	Method Reference
E. coli ¹	20	1000	CFU/g	Pass	BS ISO 16649-2
Salmonella spp ¹	Absent	Absent	Absent/Present in 25g	Pass	BS EN 6579 Sch 2 Part II
Cadmium as Cd	0.42	1.50	mg/kg	Pass	BS EN 13650
Chromium as Cr	34.6	100.00	mg/kg	Pass	BS EN 13650
Copper as Cu	53.1	200.00	mg/kg	Pass	BS EN 13650
Lead as Pb	59.1	200.00	mg/kg	Pass	BS EN 13650
Mercury as Hg	0.11	1.00	mg/kg	Pass	BS ISO 16772 / BS EN 13650
Nickel as Ni	22.4	50.00	mg/kg	Pass	BS EN 13650
Zinc as Zn	191	400.00	mg/kg	Pass	BS EN 13650
CO2 (stability) ¹	11.3	16.0	mg/CO2g OM/d	Pass	WRAP ORG0020
Weed plants ¹	0	0	number growing	Pass	REAL MT PRT v1
Glass,metal,plastic and other	0.04	0.25	% of 'air-dry' sample	Pass	REAL MT PC&S v1
Plastic	0.00	0.12	> 2mm	Pass	
Stones in "mulch"	3.33	10	% of 'air-dry' sample	Pass	
Stones in other than "mulch"	3.33	8	> 4mm	Pass	

Parameter	Result	PAS 100 min.	Unit	Pass or Fail	Method Reference
Plants germinated	103.4	80	no. of plants, test as % of controls	Pass	REAL MT PRT v1
Plant top growth	99.4	80	average g / plant, tests as % of controls	Pass	
Tomato plant abnormalities	Absent	Absent	Abnormal tomato plants in test trays	Pass	

¹ Determinand has been analysed by a subcontractor approved and audited by the Appointed Laboratory (NRM)

OVERALL ASSESSMENT

Pass if all above results are 'Pass' and all of the conditions of Plant Response Test is valid.

Fail if any of above results are 'Fail'.