

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
 Certification Code GLR-LF-0015
 Date sampled 24/01/2024
 Batch age 17 Weeks
 Producer's sample code 09231
 PR Number PR411

Laboratory information

Received at lab 25/01/2024
 Lab sample name 09231 0-15MM 17 WKS
 Lab sample number 155602
 Report by Teresa Clyne
 Report date 23/02/2024 05:04pm
 Report number 18931

SUMMARY ~ PAS100 "PASS" OR "FAIL"

Parameter	Result	PAS 100 upper limit	Unit	Pass or Fail	Method Reference
E. coli ¹	200	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	0.47	1.50	mg/kg	Pass	BS EN 13650
Chromium as Cr	13.8	100.00	mg/kg	Pass	BS EN 13650
Copper as Cu	41.3	200.00	mg/kg	Pass	BS EN 13650
Lead as Pb	47.7	200.00	mg/kg	Pass	BS EN 13650
Mercury as Hg	0.12	1.00	mg/kg	Pass	BS ISO 16772 / BS EN 13650
Nickel as Ni	12.6	50.00	mg/kg	Pass	BS EN 13650
Zinc as Zn	171	400.00	mg/kg	Pass	BS EN 13650
CO2 (stability) ¹	14.5	16.0	mg/CO2g OM/d	Pass	ORG0020
Weed plants ¹	0	0	no./l comp. as received	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	0.03	0.12	> 2mm	Pass	
Sharps	0.01	R		R	
Stones in "mulch"	0.85	10	% of 'air-dry' sample	Pass	REAL MT PC&S v1
Stones in other than "mulch"	0.85	8	> 4mm	Pass	

R Refer to composter's quality policy for upper limit allocated to the compost grade and intended market / end use, and evaluate sharps result against that limit.

Parameter	Result	PAS 100 min.	Unit	Pass or Fail	Method Reference
Tomato Plants germinated ¹	103.4	80	average g / plant, tests as % of controls	Pass	REAL MT PRT v1
Tomato Plant top growth ¹	95.8	80	average g / plant, tests as % of controls	Pass	
Tomato plant abnormalities ¹	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 and any of the conditions of the Plant Response Test are 'Invalid'.