

Client Nuleaf Organics

Control 2022-079

Lab number C7

Sample received 18.03.22

Sample reported 25.03.22

Analyte	Units	Compost C12		Application rate (kg/ha)	Applied
		Oven-dry basis	As-received basis	1000	kg nutrient/ha
Total Nitrogen	%w/w	3.12	1.37	enter application rate in cell above	13.7
Aluminium	%w/w	0.16	0.07		0.7
Boron	mg/kg	52	23		0.023
Calcium	%w/w	3.33	1.46		14.6
Cobalt	mg/kg	3.15	1.4		0.001
Copper	mg/kg	188	82		0.082
Iron	%w/w	0.17	0.07		0.7
Magnesium	%w/w	0.93	0.41		4.1
Manganese	mg/kg	719	315		0.315
Molybdenum	mg/kg	12.5	5.5		0.005
Phosphorus	%w/w	1.37	0.60		6.0
Potassium	%w/w	3.07	1.34		13.4
Sodium	%w/w	0.79	0.35		3.5
Sulphur	%w/w	0.67	0.29		2.9
Zinc	mg/kg	530	232		0.232
Moisture Content	%w/w	56.2			
Chloride	mg/kg	10000	4380.00		
Total Carbon	%w/w	36.1	15.8		
C:N ratio	-		11.55		

Total heavy metals reported below analysed by Envirolab Services Pty Ltd

Antimony	mg/kg	<10	<LOQ		
Arsenic	mg/kg	<2	<LOQ		
Barium	mg/kg	42	18.4		
Beryllium	mg/kg	<2	<LOQ		
Cadmium	mg/kg	<0.4	<LOQ		
Chromium	mg/kg	<5	<LOQ		
Lead	mg/kg	<5	<LOQ		
Mercury	mg/kg	<0.1	<LOQ		
Nickel	mg/kg	6	2.5		
Selenium	mg/kg	<2	<LOQ		
Tin	mg/kg	<10	<LOQ		
Vanadium	mg/kg	<10	<LOQ		

Total nitrogen determined by Dumas high temperature combustion

Nutrients determined by oxidising acid digest with ICP-OES finish

Chloride determined by potentiometric methods (if applicable)