

Agri Testing

ANALYTICAL REPORT

REPORT CODE	AR-24-NU-039785-01	REPORT DATE	08/05/2024
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Plateau Compost Ltd
John Fell
1274 Eruera Street

Rotorua 3010

Fertco 2016 Limited
Simon Budd
27 Bellbird Rise
Pyes Pa
TAURANGA 3112
NEW ZEALAND
800337826
simonb@fertco.co.nz

Contact for your orders:	Gurisha Arora	Order code:	EUNZAU-00683037
Contract:	Plateau Compost Ltd		
Comments:	Client require the reports by sample.		

Sample Name	2. Plateau 50/50 Blend Compost
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Analysis Started on:	29/04/2024	Analysis Ending Date:	07/05/2024
Sample Code:	816-2024-00107244	Product Type	Compost
Sampling Date:	24/04/2024	Reporting Basis	Dry
Reception Date:	29/04/2024		

FERTILISER LABORATORY TEST RESULTS	Units	Results
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① NU012	pH		6.5
① NU122	Dry Matter (DM)	%	47.8
① NU050	Bulk Density	kg/m ³	610
NU361	Total Nitrogen	%	1.3
① NU353	Total Carbon	%	15.2
① NU064	Total Carbon to Total Nitrogen Ratio	Number	11
① NU255	Organic Matter (OM)	%	26.1
NU266	Phosphorus	%	0.6
NU278	Potassium	%	0.5
NU339	Sulfur	%	0.3
NU061	Calcium	%	4.7
NU186	Magnesium	%	0.4
① NU323	Sodium	%	0.1

TRACE ELEMENTS	Units	Results
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NU167	Iron	mg/kg	8820
NU106	Copper	mg/kg	87
① NU045	Boron	mg/kg	17
NU195	Manganese	mg/kg	269
NU391	Zinc	mg/kg	214

WATER SOLUBLE	Units	Results
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① NU025	Ammoniacal Nitrogen (NH ₃ -N)	%	<0.01
① NU244	Nitrate Nitrogen (NO ₃ -N)	%	0.11

LIST OF METHODS

NU012	pH: Internal Method, Electrometry [pH Electrode]	NU025	Ammoniacal Nitrogen (NH₃-N): Internal Method, Spectrophotometry (FIA) [Water extraction]
NU045	Boron: Internal Method, ICP-OES [Microwave digestion]	NU050	Bulk Density: Internal Method, Gravimetry [Weight of a measured volume (Determined on as received sample)]
NU061	Calcium: Internal Method, ICP-OES [Microwave digestion]	NU064	Total Carbon to Total Nitrogen Ratio: Internal Method, Calculation [TC/TN]
NU106	Copper: Internal Method, ICP-OES [Microwave digestion]	NU122	Dry Matter (DM): Internal Method, Gravimetry [Dried at 105°C]
NU167	Iron: Internal Method, ICP-OES [Microwave digestion]	NU186	Magnesium: Internal Method, ICP-OES [Microwave digestion]
NU195	Manganese: Internal Method, ICP-OES [Microwave digestion]	NU244	Nitrate Nitrogen (NO₃-N): Internal Method, Spectrophotometry (FIA) [Water extraction]
		NU255	Organic Matter (OM): Internal Method, Calculation [Carbon x 1.724]

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NU266	Phosphorus: Internal Method, Spectrophotometry (UV/VIS) [Microwave digestion]	NU278	Potassium: Internal Method, ICP-OES [Microwave digestion]
NU323	Sodium: Internal Method, ICP-OES [Microwave digestion]	NU339	Sulfur: Internal Method, ICP-OES [Microwave digestion]
NU353	Total Carbon: Internal Method, Combustion [Combustion elemental analyser: Thermal conductivity detection]	NU361	Total Nitrogen: Internal Method, Combustion [Combustion elemental analyser: Thermal conductivity detection]
NU391	Zinc: Internal Method, ICP-OES [Microwave digestion]		

Signature

Linda Jhang Technical Specialist Agro Testing (NZ)

Bella Zhang Team Leader Agro Testing (NZ)

EXPLANATORY NOTE

- ① Test is not accredited
- ② Test is subcontracted within Eurofins group and is accredited
- ③ Test is subcontracted within Eurofins group and is not accredited
- ④ Test is subcontracted outside Eurofins group and is accredited
- ⑤ Test is subcontracted outside Eurofins group and is not accredited
- ⑥ Test result is provided by the customer and is not accredited
- ⑦ Tested at the sampling point by Eurofins and is not accredited
- ⑧ Tested at the sampling point by Eurofins and is accredited
- ⑨ Test is RLP accredited
- ⑩ Test is subcontracted within Eurofins group and is RLP accredited

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The tests are identified by a five-digit code, their description is available on request.

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Unless otherwise stated, all tests in this analytical report (except for subcontracted tests) are performed at 35 O'Rorke Road, Penrose, Auckland, NEW ZEALAND.

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N/A means Not Applicable

Not Detected means not detected at or above the Limit of Quantification (LOQ)

LOQ means Limit of Quantification and the unit of LOQ is the same as the result unit

✘ (Unsatisfactory) means does not meet the specification

✔ (Satisfactory) means meets the specification

END OF REPORT