

Agri Testing

ANALYTICAL REPORT

REPORT CODE

AR-24-NU-039786-01

REPORT DATE

08/05/2024

Plateau Compost Ltd
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Contact for your orders: Gurisha Arora
Contract: Plateau Compost Ltd
Comments: Client require the reports by sample.

Order code: EUNZAU-00683037

Sample Name 3. EcoCast Vermicast

Analysis Started on: 29/04/2024

Analysis Ending Date: 07/05/2024

Sample Code: 816-2024-00107245

Product Type Compost

Sampling Date: 24/04/2024

Reporting Basis

Dry

Reception Date: 29/04/2024

FERTILISER LABORATORY TEST RESULTS**Units****Results**

① NU012	pH		6.6
① NU122	Dry Matter (DM)	%	39.0
① NU050	Bulk Density	kg/m³	587
NU361	Total Nitrogen	%	1.7
① NU353	Total Carbon	%	20.8
① NU064	Total Carbon to Total Nitrogen Ratio	Number	12
① NU255	Organic Matter (OM)	%	35.8
NU266	Phosphorus	%	0.9
NU278	Potassium	%	0.2
NU339	Sulfur	%	0.4
NU061	Calcium	%	6.2
NU186	Magnesium	%	0.4
① NU323	Sodium	%	0.1

TRACE ELEMENTS

NU167	Iron	mg/kg	7160
NU106	Copper	mg/kg	144
① NU045	Boron	mg/kg	16
NU195	Manganese	mg/kg	212
NU391	Zinc	mg/kg	274

WATER SOLUBLE

① NU025	Ammoniacal Nitrogen (NH3-N)	%	0.09
① NU244	Nitrate Nitrogen (NO3-N)	%	0.13

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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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