

## Agri Testing

## ANALYTICAL REPORT

REPORT CODE

AR-24-NU-039784-01

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 and also sample reference amended under 00107243 as per client's request.

**Order code:** EUNZAU-00683037

**Sample Name** 1. Plateau Standard Greenwaste Compost**Analysis Started on:** 29/04/2024 **Analysis Ending Date:** 07/05/2024**Sample Code:** 816-2024-00107243**Product Type** Compost**Sampling Date:** 24/04/2024**Reporting Basis**

Dry

**Reception Date:** 29/04/2024

## FERTILISER LABORATORY TEST

## Units

## Results

## RESULTS

① NU012	pH		6.8
① NU122	Dry Matter (DM)	%	61.0
① NU050	Bulk Density	kg/m <sup>3</sup>	755
NU361	Total Nitrogen	%	1.2
① NU353	Total Carbon	%	10.9
① NU064	Total Carbon to Total Nitrogen Ratio	Number	10
① NU255	Organic Matter (OM)	%	18.9
NU266	Phosphorus	%	0.6
NU278	Potassium	%	0.7
NU339	Sulfur	%	0.2
NU061	Calcium	%	3.4
NU186	Magnesium	%	0.4
① NU323	Sodium	%	0.2

## TRACE ELEMENTS

NU167	Iron	mg/kg	9380
NU106	Copper	mg/kg	48
① NU045	Boron	mg/kg	18
NU195	Manganese	mg/kg	360
NU391	Zinc	mg/kg	169

## WATER SOLUBLE

① NU025	Ammoniacal Nitrogen (NH <sub>3</sub> -N)	%	0.02
① NU244	Nitrate Nitrogen (NO <sub>3</sub> -N)	%	0.08

## LIST OF METHODS

NU012	<b>pH:</b> Internal Method, Electrometry [pH Electrode]	NU025	<b>Ammoniacal Nitrogen (NH<sub>3</sub>-N):</b> Internal Method, Spectrophotometry (FIA) [Water extraction]
NU045	<b>Boron:</b> Internal Method, ICP-OES [Microwave digestion]	NU050	<b>Bulk Density:</b> Internal Method, Gravimetry [Weight of a measured volume (Determined on as received sample)]
NU061	<b>Calcium:</b> Internal Method, ICP-OES [Microwave digestion]	NU064	<b>Total Carbon to Total Nitrogen Ratio:</b> Internal Method, Calculation [TC/TN]
NU106	<b>Copper:</b> Internal Method, ICP-OES [Microwave digestion]	NU122	<b>Dry Matter (DM):</b> Internal Method, Gravimetry [Dried at 105°C]
NU167	<b>Iron:</b> Internal Method, ICP-OES [Microwave digestion]	NU186	<b>Magnesium:</b> Internal Method, ICP-OES [Microwave digestion]
NU195	<b>Manganese:</b> Internal Method, ICP-OES [Microwave digestion]	NU244	<b>Nitrate Nitrogen (NO<sub>3</sub>-N):</b> Internal Method, Spectrophotometry (FIA) [Water extraction]

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NU255	<b>Organic Matter (OM):</b> Internal Method, Calculation [Carbon x 1.724]	NU266	<b>Phosphorus:</b> Internal Method, Spectrophotometry (UV/VIS) [Microwave digestion]
NU278	<b>Potassium:</b> Internal Method, ICP-OES [Microwave digestion]	NU323	<b>Sodium:</b> Internal Method, ICP-OES [Microwave digestion]
NU339	<b>Sulfur:</b> Internal Method, ICP-OES [Microwave digestion]	NU353	<b>Total Carbon:</b> Internal Method, Combustion [Combustion elemental analyser: Thermal conductivity detection]
NU361	<b>Total Nitrogen:</b> Internal Method, Combustion [Combustion elemental analyser: Thermal conductivity detection]	NU391	<b>Zinc:</b> Internal Method, ICP-OES [Microwave digestion]

### Signature



**Linda Jhang** Technical Specialist Agro Testing (NZ)



**Bella Zhang** Team Leader Agro Testing (NZ)

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- 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