

Agri Testing

ANALYTICAL REPORT

REPORT CODE

AR-24-NU-039785-01

REPORT DATE

08/05/2024

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
Contract: Plateau Compost Ltd
Comments: Client require the reports by sample.

Order code: EUNZAU-00683037

Sample Name 2. Plateau 50/50 Blend Compost

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**

① NU012	pH		6.5
① NU122	Dry Matter (DM)	%	47.8
① NU050	Bulk Density	kg/m³	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

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

① NU025	Ammoniacal Nitrogen (NH3-N)	%	<0.01
① NU244	Nitrate Nitrogen (NO3-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]

Agri Testing

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

♦ The customer logo appearing on this report has been supplied to Eurofins by the customer. Eurofins is an independent laboratory and our relationship with this customer is to provide analytical testing services.

The Customer acknowledges and accepts that: (a) where Eurofins is not responsible for sampling, the test result(s) in this report apply only to the sample as received. Customer is solely responsible for the sampling process and warrants that the sample provided to Eurofins is representative of the lot / batch from which the samples were drawn; and (b) Eurofins expresses no opinion and accepts no liability in respect of the Customer's production process or homogeneity of the product.

This document can only be reproduced in full.

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

Accreditation does not apply to comments or graphical representations.

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

The laboratory is not responsible for the information provided by the customer which can affect the validity of the results, for example: sampling information such as date/time, field data etc.

Eurofins may subcontract the performance of part or all of the Services to a third party and the Customer authorises the release of all information necessary to the third party for the provision of the Services.

All samples become the property of Eurofins to the extent necessary for the performance of the Services.

Eurofins will not be required to store samples and may destroy or otherwise dispose of the samples or return the samples to the Customer (at the Customer's cost in all respects) immediately following analysis of the samples.

If the Customer pays for storage of the samples Eurofins will take commercially reasonable steps to store the samples for the agreed period in terms of industry practice.

The Eurofins water sampling service follows methodology based on AS/NZS 5667 and / or best practice to collect and transport samples that are fit for the purpose of analytical testing. The laboratory is not responsible for sampling activities unless explicitly indicated by the statement "Sampled by Eurofins" on the report for water samples.

The Customer acknowledges that the Services are provided using the current state of technology and methods developed and generally applied by Eurofins and involve analysis, interpretations, consulting work and conclusions. Eurofins shall use commercially reasonable degree of care in providing the Services.

This report is produced and issued on the basis of information, documents and/or samples provided by, or on behalf of, the Customer and solely for the benefit of the Customer who is responsible for acting as it sees fit on the basis of this report. Neither Eurofins nor any of its officers, employees, agents or subcontractors shall be liable to the Customer nor any third party for any actions taken or not taken on the basis of this report nor for any incorrect results arising from unclear, erroneous, incomplete, misleading or false information provided to Eurofins.

Eurofins shall have no liability for any indirect or consequential loss including, without limitation, loss of production, loss of contracts, loss of profits, loss of business or costs incurred from business interruption, loss of opportunity, loss of goodwill or damage to reputation and cost of product recall (including any losses suffered as a result of distribution of the Customer's products subject of the Services prior to the report being released by Eurofins). It shall further have no liability for any loss, damage or expenses arising from the claims of any third party (including, without limitation, product liability claims) that may be incurred by the Customer.

Eurofins General Terms and Conditions apply.

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