

Form No:	5005251
Sampled:	18-Jun-2019
Received:	20-Jun-2019
Reported:	01-Jul-2019

ANALYTICAL REPORT

Client Details

Palmer Resources Ltd
Peaches Road
RD 1
ASHBURTON 7771

Telephone: 03 303 9809

Property Name Palmer Resources Ltd

Consultant Details

Victory Lime 2000 Limited

Mount Somers

RD 1

ASHBURTON 7771

Test Results

Sample Name	LE Lime Equivalent %	H ₂ O [†] Moisture %	pH [†] Acidity / Alkalinity	2.0 mm [†] Sieve % Passing	0.5 mm [†] Sieve % Passing
Vicaglimes	93.5	1.0	9.4	83.7	45.8

1. Sample(s) reported on wet weight basis (as received).

Test Units and Test Methods

Test	Unit	Unit Description	Test Method
LE	%	g/100g eqvt to CaCO ₃	Neutralised with excess HCl, NaOH Back Titration.
H ₂ O	%	g per 100g	Oven dried
pH		pH = -log ₁₀ [H ⁺]	Sample diluted: 1:10 water, pH Electrode determination
2.0 mm	% Passing	g/100g passing 2mm	Test Sieve, Gravimetric Weight
0.5 mm	% Passing	g/100g passing 0.5mm	Test Sieve, Gravimetric Weight

[†] Indicates tests which are not IANZ Registered.

[§] Indicates Subcontracted Tests

Signed



Brent Miller: Team Leader Agricultural Chemistry



All results reported on material AS RECEIVED unless stated otherwise.

Eurofins Food Analytics NZ Ltd, 35 O'Rorke Road, P O Box 12545, Penrose, AUCKLAND

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FREEPHONE: 0800 695 227 Tel: 09 579 2669 Fax: 09 571 2285 Email: info@eurofins.co.nz Website: www.eurofins.co.nz

ANALYTICAL REPORT

REPORT CODE	AR-19-NU-095311-01	REPORT DATE	20/11/2019
		Palmer Resources Ltd Administration Peaches Road RD 1 ASHBURTON 7771 NEW ZEALAND 272287045 admin@palmerresources.co.nz	



Contact for your orders: Sarah Jones **Order code:** EUNZAU-00225283

Sample Name	Back 2		
Sample Code:	816-2019-00296887	Product Type	Lime
Sampling Date:	12/11/2019	Reporting Basis	Wet
Reception Date:	13/11/2019		
Analysis ending date:	20/11/2019		

FERTILISER LABORATORY TEST RESULTS	Units	Results
◆ NU223 Moisture	%	7.3
◆ NU050 Bulk Density	kg/m ³	380
NU059 Calcium	%	35.7
LIME QUALITY		
NU181 Lime Equivalent	%	88.6
PARTICLE SIZE		
◆ NU296 Sieve 2mm (% Passing)	%	96.5
◆ NU300 Sieve 0.5mm (% Passing)	%	73.8

REPORT INFORMATION
All results reported on material as received, wet weight basis.

LIST OF METHODS			
NU050	Bulk Density: Weight of a measured volume (Determined on as received sample)	NU059	Calcium: FMRA HCl / HNO ₃ digestion, ICP_OES determination
NU181	Lime Equivalent: Neutralised with excess HCl, NaOH Back Titration.	NU223	Moisture: Dried at 100°C
NU296	Sieve 2mm (% Passing): Test Sieve, Gravimetric weight	NU300	Sieve 0.5mm (% Passing): Test Sieve, Gravimetric weight

Signature



Brent Miller Team Leader Agri Testing



Mei Xin Senior Laboratory Technician

EXPLANATORY NOTE	N/A means Not applicable
<ul style="list-style-type: none"> ◆ test is not accredited ● test is subcontracted within Eurofins group and is accredited ● test is subcontracted within Eurofins group and is not accredited □ test is subcontracted outside Eurofins group and is accredited ■ test is subcontracted outside Eurofins group and is not accredited 	<p>Not Detected means not detected at or above the Limit of Quantification (LOQ) Accreditation does not apply to comments or graphical representations. Eurofins General Terms and Conditions apply.</p> <p>This document can only be reproduced in full; it only concerns the submitted sample. Results have been obtained and reported in accordance with our general sales conditions available on request. The tests are identified by a five-digit code, their description is available on request.</p> <p>Unless otherwise stated, all tests in this analytical report (except for subcontracted tests) are performed at 35 O'Rorke Road, Penrose, Auckland, NEW ZEALAND.</p>

END OF REPORT