

ANALYSIS REPORT

Replacement Report

Job No: B2309-0109
Date Issued: 21-Sep-2023
Report Number: 246490
This report replaces Report Number: 246465

Attention: Graeme Robertson
Client: Great southern Lime
Address: PO Box 114
 DENMARK WA 6333

Purchase Order: rec'd 04/09/23
Date Sampled:
Date Received: 06-Sep-2023

The following sample was analysed:

Sample ID

B23-0093641 Your Reference A8
 Product Lime Sand

Analysis of this sample conducted between 06-Sep-2023 and 15-Sep-2023

Analysis Results

Particle Size Distribution[^]

Sieve Range (mm)	% weight	Neutralising Value %
0 - 0.125	6.47	85.8
0.125 - 0.250	13.49	84.3
0.250 - 0.50	43.69	77.4
0.50 - 1.00	31.37	80.7
> 1.00	4.97	83.2
Weighted NV	-	80.2

Bulk Sample Analysis[^]

Moisture %	-
Neutralising Value %	81.45
Calcium %	32.8
Magnesium %	0.1
Sodium %	0.2

Note: All samples are analysed on an 'as received' basis, all results are based on the sample received. This report is not to be reproduced except in full.

Please refer to the following link for the measurement of uncertainty values for all NATA accredited analysis

<https://services.awta.com.au/AFTMeasurementUncertainty/index.php>

- Values reported as percent by weight (% w/w), expressed on dried basis.
- Moisture content is representative of the sample as received, determined @ 103C for 6 hours.

[^] - NATA Accreditation does not cover the performance of this test/Component.

Reports updated.

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Date Sampled:
Date Received: 06-Sep-2023

The following sample was analysed:

Sample ID

B23-0093642 Your Reference A10
 Product Lime Sand

Analysis of this sample conducted between 06-Sep-2023 and 15-Sep-2023

Analysis Results

Particle Size Distribution[^]

Sieve Range (mm)	% weight	Neutralising Value %
0 - 0.125	12.19	89.4
0.125 - 0.250	23.09	83.9
0.250 - 0.50	25.02	72.2
0.50 - 1.00	27.18	90.1
> 1.00	12.52	92.7
Weighted NV	-	84.4

Bulk Sample Analysis[^]

Moisture %	-
Neutralising Value %	86.4
Calcium %	33.7
Magnesium %	1.4
Sodium %	0.04

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Purchase Order: rec'd 04/09/23
Date Sampled:
Date Received: 06-Sep-2023

The following sample was analysed:

Sample ID

B23-0093643 Your Reference A11
 Product Lime Sand

Analysis of this sample conducted between 06-Sep-2023 and 15-Sep-2023

Analysis Results

Particle Size Distribution[^]

Sieve Range (mm)	% weight	Neutralising Value %
0 - 0.125	13.88	88.2
0.125 - 0.250	23.21	85.8
0.250 - 0.50	24.67	76.8
0.50 - 1.00	26.72	86.4
> 1.00	11.52	70.8
Weighted NV	-	82.3

Bulk Sample Analysis[^]

Moisture %	-
Neutralising Value %	84.3
Calcium %	33.9
Magnesium %	0.7
Sodium %	0.1

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Purchase Order: rec'd 04/09/23
Date Sampled:
Date Received: 06-Sep-2023

The following sample was analysed:

Sample ID	Your Reference	A12
B23-0093644	Product	Lime Sand

Analysis of this sample conducted between 06-Sep-2023 and 15-Sep-2023

Analysis Results

Particle Size Distribution[^]

Sieve Range (mm)	% weight	Neutralising Value %
0 - 0.125	17.56	86.1
0.125 - 0.250	23.43	79.1
0.250 - 0.50	34.42	69.4
0.50 - 1.00	20.88	80.3
> 1.00	3.71	84.3
Weighted NV	-	77.4

Bulk Sample Analysis[^]

Moisture %	-
Neutralising Value %	75.6
Calcium %	32.0
Magnesium %	0.6
Sodium %	0.2

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Purchase Order: rec'd 04/09/23
Date Sampled:
Date Received: 06-Sep-2023

The following sample was analysed:

Sample ID

B23-0093645 Your Reference A13
 Product Lime Sand

Analysis of this sample conducted between 06-Sep-2023 and 15-Sep-2023

Analysis Results

Particle Size Distribution[^]

Sieve Range (mm)	% weight	Neutralising Value %
0 - 0.125	10.48	76.2
0.125 - 0.250	22.44	79.0
0.250 - 0.50	24.73	71.0
0.50 - 1.00	28.12	86.1
> 1.00	14.23	89.9
Weighted NV	-	80.3

Bulk Sample Analysis[^]

Moisture %	-
Neutralising Value %	85.45
Calcium %	33.6
Magnesium %	1.2
Sodium %	0.1

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