



LIME / DOLOMITE

ANALYSIS REPORT

AGENT: Tim Walker CONTROL NO: 2014-63
LAB NO: 529
CLIENT'S NAME: AAAAAAA Sample No: 2L
SAMPLE RECEIVED: 02-Jul-14
SAMPLE NAME: AG LIME REPORT DATE: 17-Jul-14

ANALYSIS (ON AN AIR DRY BASIS)

MOISTURE

SOLIDS

		Level Found	Ideal%
CALCIUM	Ca %	36.28	36 - 39
AS CALCIUM OXIDE	CaO %	50.76	
AS CALCIUM CARBONATE	CaCO ₃ %	90.59	90 - 98
MAGNESIUM	Mg %	0.24	
AS MAGNESIUM OXIDE	MgO %	0.40	
AS MAGNESIUM CARBONATE	MgCO ₃ %	0.84	
AS CaCO ₃ EQUIVALENT	%	1.00	

TNV - TOTAL NEUTRALISING VALUE

In Terms of CaCO₃ % 92 90 - 100

FINENESS TEST:

SIEVE NO.	%
>850 micron	-0.2
300-850 micron	13.1
<300 micron	86.7

ENV - EFFECTIVE NEUTRALISING VALUE % 87 65 - 80

SULFUR SO₄-S% 0.04

KGS TOTAL **CA** PER TONNE 362.76

KGS TOTAL **MG** PER TONNE 2.42

KGS TOTAL **S** PER TONNE 0

Comments:

* This is a high calcium lime indicated by the high calcium carbonate percentage.

* It is also a very fine grade product as indicated by the high ENV where >> 60% will pass through a 300 micron sieve.

* In conclusion, this sample is considered very high quality and ideal for use as a soil amendment for the reasons stated above.

Analysis by APAL, PO Box 327, 489 The Parade. Magill SA 5072

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