

# LIME / DOLOMITE

## ANALYSIS REPORT

**AGENT:** HENSCHKE INDUSTRIES PTY LTD    **CONTROL NO:** 2024-091  
**CLIENT'S NAME:** Bec Henschke    **LAB NO:** 111425086  
**SAMPLE NAME:** Henschke Industries Sample 1    **Sample No:** L2  
**REPORT DATE:** 13.03.24    **SAMPLE RECEIVED:** 01.03.24

### ANALYSIS (ON AN AIR DRY BASIS)

MOISTURE		Level Found	Ideal%
SOLIDS			
CALCIUM	Ca %	37.9	36 - 39
EXPRESSED AS CALCIUM OXIDE	CaO %	53.0	
EXPRESSED AS CALCIUM CARBONATE	CaCO <sub>3</sub> %	94.7	90 - 98
MAGNESIUM	Mg %	0.28	
EXPRESSED AS MAGNESIUM OXIDE	MgO %	0.47	
EXPRESSED AS MAGNESIUM CARBONATE	MgCO <sub>3</sub> %	0.98	
EXPRESSED AS CaCO <sub>3</sub> EQUIVALENT	%	1.17	
TNV - TOTAL NEUTRALISING VALUE			
In Terms of CaCO <sub>3</sub>	%	96	90 - 100
FINENESS TEST:			
	SIEVE NO.    %		
	>850 micron	14.9	
	300-850 micron	32.5	
	<300 micron	52.6	
ENV - EFFECTIVE NEUTRALISING VALUE	%	71	65 - 80
SULFUR	SO <sub>4</sub> -S%	<0.05	
KGS TOTAL CA PER TONNE		379.1	
KGS TOTAL MG PER TONNE		2.83	
KGS TOTAL S PER TONNE		0	

#### Comments:

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

\* It is also a relatively fine product as indicated by the good ENV. Ideally > 60% will pass through a 300 micron sieve.

\* In conclusion, this sample is considered good quality and suitable for use as a soil amendment for the reasons stated above.