

<b>ndola</b> <i>i</i> <b>company ltd</b> <i>e</i>	<small>UNCONTROLLED DOCUMENT WHEN PRINTED ON HARDCOPY - VERIFY AGAINST ELECTRONIC MEDIA PRIOR TO USE</small>	SHEQASFM18
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**To: CUDGEL RESOURCES PVT LTD, ZIMBABWE**  
**Attention:**  
**From: SENIOR LABORATORY ANALYST**  
**Date: 20<sup>TH</sup> MARCH, 2018**  
**Subject: CERTIFICATE OF ANALYSIS: HYDRATED LIME**

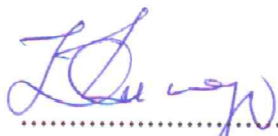
Sample Date	Truck Number	Order no	Tonnage	% Av. CaO	% Moist	% 150 Micron Grit.
15.03.2018	ADS 4182 / ADS 9906	0071354	29.97	61.74	0.5	4.8

#### Specifications

No.	Characteristic	Value	Comment
1.	Available Calcium Oxide as % Av. CaO	65-70	Range
2.	Silica % Mass	0.49	Typical
3.	Iron as % Fe <sub>2</sub> O <sub>3</sub>	0.06	Typical
4.	Magnesium as % MgO	0.60	Typical
5.	Manganese as % MnO	<0.01	Typical
6.	Lead as % Pb	<0.01	Typical
7.	Zinc as % Zn	<0.01	Typical
8.	Nickel as % Ni	<0.01	Typical
9.	Copper as % Cu	< 0.01	Typical
10.	Moisture as % H <sub>2</sub> O after drying @ 105°C for 1 hour	<2.00	Typical
11.	Residue retained on 150 micro sieve as % grit	<10.00	Typical
12.	Bulky Density kg/m <sup>3</sup>	0.60-0.80	Typical

#### Safety Information

Apply Vaseline or skin oil to exposed skin surfaces before handling. In case of contact with skin, rinse with running water after lime traces adhering to the body has been removed by thorough dusting.

  
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**JOSEPH LUNGO**