

J. MULLER

LABORATORIES (PTY) LTD

Reg. No.1980/004037/07

ANALYTICAL CHEMISTS

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PAARDEN EILAND 7405
REP. OF SOUTH AFRICA

Our Ref LN503353-G115-13

Date of Issue: 12 MAY 2015

Certificate of Analysis

PAGE 1 OF 2

This is to certify that the sample listed below was analysed

SUBMITTED BY: GECKO FERT
15 RETIEF STREET
NORTHERN PAARL
7646
ATTENTION: GEORGE

SAMPLE TYPE: FERTILIZER (X1)
SAMPLE MARKS: MATERIAL TAKEN FROM STOCK PILE
LN411725-03 REFERS

DATE SAMPLE RECEIVED: 20 NOVEMBER 2015
DATE INSTRUCTIONS RECEIVED: 25 APRIL 2015
DATE ANALYSIS STARTED: 17 APRIL 2015
DATE ANALYSIS COMPLETED: 12 MAY 2015

Analysis relates only to the sample/s tested:

Analysis gave:

SEE ATTACHED PAGE 2



J. MULLER LABORATORIES (PTY) LTD DIRECTOR: B.M. JOHNSON


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CONDITIONS OF ISSUE ATTACHED*

	<u>%m/m</u>
Moisture	3,39
Loss on ignition	5,37
Silica (SiO ₂)	46,6
Aluminium Oxide (Al ₂ O ₃)	2,70
Iron Oxide (Fe ₂ O ₃)	10,3
Titanium Oxide (TiO ₂)	0,18
Calcium Oxide (CaO)	14,2
Magnesium Oxide (MgO)	0,20
Sodium Oxide (Na ₂ O)	0,18
Potassium Oxide (K ₂ O)	0,66
Phosphorous Oxide (P ₂ O ₅)	17,2
Sulphur Trioxide (SO ₃)	0,26
Copper Oxide (CuO)	<0,01
Manganese Oxide (MnO)	<0,01
Zinc Oxide (ZnO)	<0,01
Nickle Oxide (NiO)	<0,01
2% Citric soluble phosphorous (P)	2,01
2% Citric soluble phosphorous (P ₂ O ₅)	4,60
Total Phosphorous (P)	7,52
Total Phosphorous (P ₂ O ₅)	17,2

<u>Particle size nm</u>	<u>% Retained</u>
+4,76	Nil
-4,76 +1,68	Nil
-1,68 +0,149	67,0
-0,149 +0,024	19,2
-0,074	13,7

Values reported as less than (<) are lower than the limit of quantification for the method employed.


LAB TECHNICIAN
F ORRIE


CONSULTANT
P JOHNSON

J. MULLER

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