

J. MULLER

LABORATORIES (PTY) LTD

Reg. No.1980/004037/07

ANALYTICAL CHEMISTS

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Our Ref LN411725-G115-13

Date of Issue: 17 FEBRUARY 2015

Certificate of Analysis

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This is to certify that the samples listed below were analysed

SUBMITTED BY: GECKO FERT
P.O. BOX 175
WITSAND
6666

ATTENTION: GEORGE RICHARDS

SAMPLE TYPE: FERTILIZER (x4)

SAMPLE MARKS: 01. COURSE MATERIAL
02. FINE MATERIAL
03. MATERIAL TAKEN FROM STOCK PILE
04. OUT OF BAGS SAMPLE

DATE SAMPLE RECEIVED: 20 NOVEMBER 2014

DATE ANALYSIS STARTED: 21 NOVEMBER 2014

DATE ANALYSIS COMPLETED: 26 NOVEMBER 2014

Analysis relates only to the sample/s tested:

Analysis gave:

	<u>01</u>	<u>02</u>	<u>03</u>	<u>04</u>
Total phosphorus (P) %m/m	9,25	8,38	9,25	7,77
Total phosphates (P ₂ O ₅) %m/m	21,2	19,2	21,2	17,8
2% Citric acid soluble phosphorus (P) %m/m	2,76	2,89	2,76	2,69
2% Citric acid soluble phosphates (P ₂ O ₅) %m/m	6,32	6,62	6,32	6,16

Sieve analysis:

(Particle size)

+1mm	-	-	45,4	32,8
-1mm	-	-	54,6	67,2

Sample identification

Coarse	fine	Ex	Ex
Material	Material	Stockpile	Sample bag

Comments:

Note is made of sample 3 and 4 particle size distribution from stockpile and bags. The material is a mixture of coarse and fine particulates. This heterogeneity influences the phosphorus content. It is suggested that to avoid uneven distribution of the material when broadcasted over soil, the particle size is reduced to less than 2mm or even smaller.


LAB TECHNICIAN
F ORRIE

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



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