

LIQUID FERTILISER ANALYSIS REPORT

3 samples supplied by CP Microbiology and Analytical Laboratories on 26/07/2018. Lab Job No.H2589

Analysis requested by Chris Panter. Your Job: Liquids

PO BOX 5201 BRANDON PARK VIC 3150

				Sample 1
Sample ID:				18070006
Sample Type:				Liquid
Client:				C. Panter
<i>Nutrient</i>		<i>Unit</i>	<i>Method</i>	<i>H2589/1</i>
Nitrogen	N	mg/kg w/w	**LECO Trumac Analyser - Inhouse S4a	240
Phosphorus	P	mg/kg w/w	**Nitric/Hydrochloric Acid digest - APHA 3125 ICPMS	<100
Potassium	K	mg/kg w/w	**Nitric/Hydrochloric Acid digest - APHA 3125 ICPMS	579
Sulfur	S	mg/kg w/w	**Nitric/Hydrochloric Acid digest - APHA 3125 ICPMS	<100
Calcium	Ca	mg/kg w/w	**Nitric/Hydrochloric Acid digest - APHA 3125 ICPMS	116
Magnesium	Mg	mg/kg w/w	**Nitric/Hydrochloric Acid digest - APHA 3125 ICPMS	<100
Sodium	Na	mg/kg w/w	**Nitric/Hydrochloric Acid digest - APHA 3125 ICPMS	237
Copper	Cu	mg/kg w/w	**Nitric/Hydrochloric Acid digest - APHA 3125 ICPMS	<1
Zinc	Zn	mg/kg w/w	**Nitric/Hydrochloric Acid digest - APHA 3125 ICPMS	<1
Manganese	Mn	mg/kg w/w	**Nitric/Hydrochloric Acid digest - APHA 3125 ICPMS	<1
Iron	Fe	mg/kg w/w	**Nitric/Hydrochloric Acid digest - APHA 3125 ICPMS	<50
Boron	B	mg/kg w/w	**Nitric/Hydrochloric Acid digest - APHA 3125 ICPMS	<5
Molybdenum	Mo	mg/kg w/w	**Nitric/Hydrochloric Acid digest - APHA 3125 ICPMS	<0.2
Cobalt	Co	mg/kg w/w	**Nitric/Hydrochloric Acid digest - APHA 3125 ICPMS	<0.05
Silicon	Si	mg/kg w/w	**Nitric/Hydrochloric Acid digest - APHA 3125 ICPMS	<50
pH		na	**Rayment & Lyons 2011 - 4A1 (1:5 Water)	7.6
Electrical Conductivity		dS/m	**Rayment & Lyons 2011 - 3A1 (1:5 Water)	3.0
Total Dissolved Salts		mg/L	**Calculation - EC x 680	2,020

Notes:

- All analysis conducted on sample as supplied.
- Samples are digested on a hotblock digester using Nitric acid and Hydrochloric acid then read on the ICP (EPA3050B and APHA 3125 ICPMS or ICP-OES for Sulfur).
- mg/kg = ppm; 1% = 10,000ppm
- Conversion from w/w to w/v multiply the result by the Specific Gravity.
- Analysis conducted between sample arrival date and reporting date.
- ** NATA accreditation does not cover the performance of this service.
- This report is not to be reproduced except in full.

Checked: Kris Saville
 Agricultural Co-Ordinator

