

## LIQUID FERTILISER ANALYSIS REPORT

1 sample supplied by Charton & Bang Pty Ltd on 17/08/2021. Lab Job No.M0344

Analysis requested by John Barton. Your Job: Job 001

38 Bunnai Rd PEMULWUY NSW 2145

		Sample ID: Sample Type: Client:	Sample 1 LH-001 N/G Charton & Bang
Parameter	Method reference	M0344/1	
Nitrogen (mg/kg w/w)	LECO Trumac Analyser - Inhouse S4a	480	
Phosphorus (mg/kg w/w)	Nitric/Hydrochloric Acid digest - APHA 3125 ICPMS	<100	
Potassium (mg/kg w/w)	Nitric/Hydrochloric Acid digest - APHA 3125 ICPMS	341	
Sulfur (mg/kg w/w)	Nitric/Hydrochloric Acid digest - APHA 3125 ICPMS	<100	
Calcium (mg/kg w/w)	Nitric/Hydrochloric Acid digest - APHA 3125 ICPMS	137	
Magnesium (mg/kg w/w)	Nitric/Hydrochloric Acid digest - APHA 3125 ICPMS	<100	
Sodium (mg/kg w/w)	Nitric/Hydrochloric Acid digest - APHA 3125 ICPMS	<100	
Copper (mg/kg w/w)	Nitric/Hydrochloric Acid digest - APHA 3125 ICPMS	<1	
Zinc (mg/kg w/w)	Nitric/Hydrochloric Acid digest - APHA 3125 ICPMS	<1	
Manganese (mg/kg w/w)	Nitric/Hydrochloric Acid digest - APHA 3125 ICPMS	2.7	
Iron (mg/kg w/w)	Nitric/Hydrochloric Acid digest - APHA 3125 ICPMS	53	
Boron (mg/kg w/w)	Nitric/Hydrochloric Acid digest - APHA 3125 ICPMS	<5	
Molybdenum (mg/kg w/w)	Nitric/Hydrochloric Acid digest - APHA 3125 ICPMS	<0.2	
Cobalt (mg/kg w/w)	Nitric/Hydrochloric Acid digest - APHA 3125 ICPMS	<0.05	
Silicon (mg/kg w/w)	Nitric/Hydrochloric Acid digest - APHA 3125 ICPMS	198	
pH	Mantech AutoMAX 197	6.8	
Electrical Conductivity (dS/m)	Mantech AutoMAX 197	1.7	
Total Dissolved Salts (mg/L w/v)	Calculation: EC x 680	1186.0	
Total Organic Carbon (mg/L w/v)	Inhouse - Shimadzu	2,700	

### 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.
- This report is not to be reproduced except in full. Results only relate to the item tested.
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- This report was issued on 23/08/2021.

Checked: Kris Saville  
 Agricultural Co-Ordinator

