

**SWEP**  
PTY. LTD.**ANALYTICAL  
LABORATORIES**

ABN 26 005 031 569

Tel: (03) 9701 6007  
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FILE NO : 2010155455

DATE ISSUED : 15/10/2020

CALDER PERMACULTURE  
ATT: RUSSELL CALDER  
PO BOX 280  
NYAH, VIC 3594CLIENT ID : CAL057  
PHONE : 0409 180 754

## REFERENCE :

## REFERENCE ID :

SAMPLE ID : LIQUID FERTILISER  
ANALYSIS REQUIRED : Full (FT-2)PHONE :  
DATE RECEIVED : 14/10/2020  
SOURCE :

ITEMS	ABBREVIATION	UNIT	RESULTS	ANALYTICAL METHODS
Results of analysis as received:				
TOTAL NITROGEN	N	% w/w	0.032	Dumas method, 7A5*
TOTAL PHOSPHORUS	P	% w/w	0.00966	Microwave digestion, ICPAES
TOTAL POTASSIUM	K	% w/w	0.159	Microwave digestion, ICPAES
TOTAL SULPHUR	S	% w/w	0.0185	Microwave digestion, ICPAES
TOTAL CALCIUM	Ca	% w/w	0.0278	Microwave digestion, ICPAES
TOTAL MAGNESIUM	Mg	% w/w	0.00714	Microwave digestion, ICPAES
TOTAL SODIUM	Na	% w/w	0.155	Microwave digestion, ICPAES
TOTAL IRON	Fe	ppm w/w	63.4	Microwave digestion, ICPAES
TOTAL MANGANESE	Mn	ppm w/w	1.93	Microwave digestion, ICPAES
TOTAL ZINC	Zn	ppm w/w	2.11	Microwave digestion, ICPAES
TOTAL COPPER	Cu	ppm w/w	0.927	Microwave digestion, ICPAES
TOTAL COBALT	Co	ppm w/w	0.131	Microwave digestion, ICPAES
TOTAL BORON	B	ppm w/w	<DL	DL= 0.0001 Microwave digestion, ICPAES
TOTAL MOLYBDENUM	Mo	ppm w/w	0.0449	Microwave digestion, ICPAES
pH			7.7	Direct reading
Electrical Conductivity		µS/cm	6300	Direct reading
TOTAL ORGANIC CARBON	OC	%	0.516	Method 6B2, LECO*
CARBON / NITROGEN RATIO	C/N		16.13	Calculation

\* Rayment, G.E. & Lyons, D.J. (2011). Soil Chemical Methods - Australasia. CSIRO Publishing, 150 Oxford Street, Collingwood Vic 3066, Australia