



SWEP
PTY. LTD.

ABN 26 005 031 569

**ANALYTICAL
LABORATORIES**

Tel: (03) 9701 6007
Fax: (03) 9701 5712

REPORT ON SAMPLE OF LIQUID FERTILISER

FILE NO : 2005151715

DATE ISSUED : 14/05/2020

CHARLIE CARP LTD
LOT 2 SALEYARDS ROAD
DENILIQUIN, NSW 2710

CLIENT ID : CHA088
PHONE : 03 5881 8882

REFERENCE :

REFERENCE ID :

SAMPLE ID : CHARLIE CARP PREMIUM ORGANIC FERTILISER - BATCH 100 - 5/5/2020
ANALYSIS REQUIRED : Full (FT-2)

PHONE :
DATE RECEIVED : 11/05/2020
SOURCE :

ITEMS	ABBREVIATION	UNIT	RESULTS	UNIT	RESULTS	ANALYTICAL METHODS
-------	--------------	------	---------	------	---------	--------------------

Results of analysis as received:

TOTAL NITROGEN	N	% w/w	1.32	% w/v	1.38	Dumas method, 7A5*
TOTAL PHOSPHORUS	P	% w/w	0.452	% w/v	0.472	Acid digestion, ICPAES
TOTAL POTASSIUM	K	% w/w	0.257	% w/v	0.269	Acid digestion, ICPAES
TOTAL SULPHUR	S	% w/w	0.499	% w/v	0.521	Acid digestion, ICPAES
TOTAL CALCIUM	Ca	% w/w	0.248	% w/v	0.259	Acid digestion, ICPAES
TOTAL MAGNESIUM	Mg	% w/w	0.0259	% w/v	0.0271	Acid digestion, ICPAES
TOTAL SODIUM	Na	% w/w	0.0767	% w/v	0.0802	Acid digestion, ICPAES
TOTAL IRON	Fe	% w/w	0.00392	% w/v	0.0041	Acid digestion, ICPAES
TOTAL MANGANESE	Mn	% w/w	0.000176	% w/v	0.000184	Acid digestion, ICPAES
TOTAL ZINC	Zn	% w/w	0.00312	% w/v	0.00326	Acid digestion, ICPAES
TOTAL COPPER	Cu	% w/w	0.00645	% w/v	0.00674	Acid digestion, ICPAES
TOTAL COBALT	Co	% w/w	0.0000012	% w/v	0.00000125	Acid digestion, ICPAES
TOTAL BORON	B	% w/w	0.0000746	% w/v	0.000078	Acid digestion, ICPAES
TOTAL MOLYBDENUM	Mo	% w/w	0.0000363	% w/v	0.0000379	Acid digestion, ICPAES
pH			3.2			Direct reading
Electrical Conductivity		µS/cm	10400			Direct reading
TOTAL ORGANIC CARBON	OC	%	5.61	%	5.86	Method 6B2, LECO*
CARBON / NITROGEN RATIO	C/N	C/N	4.25			Calculation
Specific Gravity	SG		1.045			at 18.3°C, 1 atmosphere

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