



SWEP
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**ANALYTICAL
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REPORT ON SAMPLE OF LIQUID FERTILISER

FILE NO : 2005151714

DATE ISSUED : 14/05/2020

CHARLIE CARP LTD
LOT 2 SALEYARDS ROAD
DENILQUIN, NSW 2710

CLIENT ID : CHA088
PHONE : 03 5881 8882

REFERENCE :

REFERENCE ID :

SAMPLE ID : CHARLIE CARP ALL PURPOSE FERTILISER - 6-5-2020

PHONE :

ANALYSIS REQUIRED : Full (FT-2) SG, TDS

DATE RECEIVED : 11/05/2020

SOURCE:

ITEMS	ABBREVIATION	UNIT	RESULTS	UNIT	RESULTS	ANALYTICAL METHODS
Results of analysis as received:						
TOTAL NITROGEN	N	% w/w	8.66	% w/v	10.1	Dumas method, 7A5*
TOTAL PHOSPHORUS	P	% w/w	1.11	% w/v	1.3	Acid digestion, ICPAES
TOTAL POTASSIUM	K	% w/w	5.48	% w/v	6.42	Acid digestion, ICPAES
TOTAL SULPHUR	S	% w/w	0.611	% w/v	0.716	Acid digestion, ICPAES
TOTAL CALCIUM	Ca	% w/w	0.337	% w/v	0.395	Acid digestion, ICPAES
TOTAL MAGNESIUM	Mg	% w/w	0.0324	% w/v	0.038	Acid digestion, ICPAES
TOTAL SODIUM	Na	% w/w	0.289	% w/v	0.339	Acid digestion, ICPAES
TOTAL IRON	Fe	% w/w	0.0338	% w/v	0.0396	Acid digestion, ICPAES
TOTAL MANGANESE	Mn	% w/w	0.0026	% w/v	0.00305	Acid digestion, ICPAES
TOTAL ZINC	Zn	% w/w	0.00384	% w/v	0.0045	Acid digestion, ICPAES
TOTAL COPPER	Cu	% w/w	0.00549	% w/v	0.00643	Acid digestion, ICPAES
TOTAL COBALT	Co	% w/w	0.0000352	% w/v	0.0000413	Acid digestion, ICPAES
TOTAL BORON	B	% w/w	0.00015	% w/v	0.000176	Acid digestion, ICPAES
TOTAL MOLYBDENUM	Mo	% w/w	0.00000842	% w/v	0.00000987	Acid digestion, ICPAES
pH			4.19			Direct reading
Electrical Conductivity		µS/cm	35800			Direct reading
TOTAL ORGANIC CARBON	OC	%	8.66	%	10.1	Method 6B2, LECO*
CARBON / NITROGEN RATIO	C/N	C/N	1			Calculation
Specific Gravity	SG		1.172			at 18.8°C, 1 atmosphere

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