



SWEP
PTY. LTD.

**ANALYTICAL
LABORATORIES**

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REPORT ON SAMPLE OF FERTILISER

FILE NO : 1807136386

DATE ISSUED : 9/07/2020

CHARLIE CARP LTD
LOT 2 SALEYARDS ROAD
DENILIKUIN, NSW 2710

CLIENT ID : CHA088
PHONE : 03 5881 8882

REFERENCE :

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SAMPLE ID : All Purpose Fertiliser Pellets (Fishworks) 4/7/20

PHONE :

ANALYSIS REQUIRED : Full (FT-2) Bulk Density

DATE RECEIVED : 5/07/2020

SOURCE :

ITEMS	ABBREVIATION	UNIT	RESULTS	ANALYTICAL METHODS
TOTAL NITROGEN	N	%	6.7	Dumas method, 7A5*
TOTAL PHOSPHORUS	P	%	1.37	Acid digestion, ICPAES
TOTAL POTASSIUM	K	%	3.74	Acid digestion, ICPAES
TOTAL SULPHUR	S	%	9.75	Acid digestion, ICPAES
TOTAL CALCIUM	Ca	%	5.61	Acid digestion, ICPAES
TOTAL MAGNESIUM	Mg	%	0.359	Acid digestion, ICPAES
TOTAL SODIUM	Na	%	0.233	Acid digestion, ICPAES
TOTAL IRON	Fe	ppm	2300	Acid digestion, ICPAES
TOTAL MANGANESE	Mn	ppm	94.8	Acid digestion, ICPAES
TOTAL ZINC	Zn	ppm	100	Acid digestion, ICPAES
TOTAL COPPER	Cu	ppm	15.6	Acid digestion, ICPAES
TOTAL COBALT	Co	ppm	0.923	Acid digestion, ICPAES
TOTAL BORON	B	ppm	34.1	Acid digestion, ICPAES
TOTAL MOLYBDENUM	Mo	ppm	0.483	Acid digestion, ICPAES
pH	1:5 Water		5.68	Method 4A1, water suspension*
Electrical Conductivity		µS/cm	31000	Method 3A1, water extract*
TOTAL ORGANIC CARBON	OC	%	24.4	Method 6B3, LECO*
MOISTURE CONTENT	MC	%	3.63	Gravimetric method
CARBON / NITROGEN RATIO	C/N		3.64	Calculation
BULK DENSITY		kg/L	0.829	Gravimetric method

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