



**SWEP**  
PTY. LTD.

**ANALYTICAL  
LABORATORIES**

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**REPORT ON SAMPLE OF FERTILISER**

**FILE NO :** 1807136386

**DATE ISSUED :** 9/07/2018

CHARLIE CARP LTD  
LOT 2 SALEYARDS ROAD  
DENILIQUN, NSW 2710

**CLIENT ID :** CHA088  
**PHONE :** 03 5881 8882

**REFERENCE :**

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**SAMPLE ID :** Fishworks Pellets 4/7/18

**PHONE :**

**ANALYSIS REQUIRED :** Full (FT-2) Bulk Density

**DATE RECEIVED :** 5/07/2018

**SOURCE :**

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

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