



ANALYSIS REPORT: FERTILISER

TEST NEEDS AUSTRALIA

Document No: AR2000015	Client ID : PLANT NEEDS	Crop: NA	Depth NA	Date of test: 20/06/2020
Client Name :PLANT NEEDS	Sample ID:TN2000015	Sample Name : PLANC Pellets	Date of report issued:28/06/2020	Date of sample submission:17/06/2020
Phone: 613 90058578	Address: 21A Nathan Drive , Campbellfield	Email: info@plantneeds.com.au	Test: Soil ameliorate (Bio-chemical)	Date Received :17/06/2020

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PLANT NEEDS PTY LTD
 21A NATHAN DRIVE
 CAMPBELLFIELD, VIC 3061

CLIENT ID : PLA021
 PHONE : 03 9005 8578

REFERENCE :

SAMPLE ID : PLANC/Grow N Save
 ANALYSIS REQUIRED : Full (FT-2) Biohazard

ITEMS	ABBREVIATION	UNIT	RESULTS	ANALYTICAL METHODS
TOTAL NITROGEN	N	%	2.32	Dumas method, 7A5*
TOTAL PHOSPHORUS	P	%	0.243	Acid digestion, ICPAES
TOTAL POTASSIUM	K	%	1.4	Acid digestion, ICPAES
TOTAL SULPHUR	S	%	0.322	Acid digestion, ICPAES

TOTAL CALCIUM	Ca	%	0.656	Acid digestion, ICPAES
TOTAL MAGNESIUM	Mg	%	0.204	Acid digestion, ICPAES
TOTAL SODIUM	Na	%	0.0267	Acid digestion, ICPAES
TOTAL IRON	Fe	ppm	1630	Acid digestion, ICPAES
TOTAL MANGANESE	Mn	ppm	41.2	Acid digestion, ICPAES
TOTAL ZINC	Zn	ppm	23.7	Acid digestion, ICPAES
TOTAL COPPER	Cu	ppm	8.91	Acid digestion, ICPAES
TOTAL COBALT	Co	ppm	0.731	Acid digestion, ICPAES
TOTAL BORON	B	ppm	24.8	Acid digestion, ICPAES
TOTAL MOLYBDENUM	Mo	ppm	1.04	Acid digestion, ICPAES
pH	1:5 Water		5.13	Method 4A1, water suspension*
Electrical Conductivity		µS/cm	4390	Method 3A1, water extract*
TOTAL ORGANIC CARBON	OC	%	47	Method 6B2, LECO*
MOISTURE CONTENT	MC	%	4.88	Gravimetric method
CARBON / NITROGEN RATIO	C/N		20.26	Calculation

E.Coli	MPN/g	<3
Salmonella	per 50 grams	Not Detected
Listeria	per 50 grams	Not Detected

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

Report Verified By
Chemist,



Test Needs Australia