

**SWEP**
PTY. LTD.**ANALYTICAL
LABORATORIES**

ABN 26 005 031 569

Tel: (03) 9701 6007
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FILE NO : 2009154726

DATE ISSUED : 17/09/2020

MICROBIOLOGY LABS AUSTRALIA
PO BOX 230
MELROSE PARK DC, SA 5039CLIENT ID : MIC017
PHONE : 08 7127 8982

REFERENCE :

SAMPLE ID : 2640-6-NSFF (Nitro)
ANALYSIS REQUIRED : Full (FT-2)

REFERENCE ID :

PHONE :
DATE RECEIVED : 16/09/2020
SOURCE :

ITEMS	ABBREVIATION	UNIT	RESULTS	ANALYTICAL METHODS
Results of analysis as received:				
TOTAL NITROGEN	N	% w/w	4.99	Dumas method, 7A5*
TOTAL PHOSPHORUS	P	% w/w	0.00061	Microwave digestion, ICPAES
TOTAL POTASSIUM	K	% w/w	0.00108	Microwave digestion, ICPAES
TOTAL SULPHUR	S	% w/w	0.00094	Microwave digestion, ICPAES
TOTAL CALCIUM	Ca	% w/w	0.00366	Microwave digestion, ICPAES
TOTAL MAGNESIUM	Mg	% w/w	0.000419	Microwave digestion, ICPAES
TOTAL SODIUM	Na	% w/w	0.00303	Microwave digestion, ICPAES
TOTAL IRON	Fe	ppm w/w	3.67	Microwave digestion, ICPAES
TOTAL MANGANESE	Mn	ppm w/w	0.158	Microwave digestion, ICPAES
TOTAL ZINC	Zn	ppm w/w	1.25	Microwave digestion, ICPAES
TOTAL COPPER	Cu	ppm w/w	2.97	Microwave digestion, ICPAES
TOTAL COBALT	Co	ppm w/w	0.0272	Microwave digestion, ICPAES
TOTAL BORON	B	ppm w/w	0.234	Microwave digestion, ICPAES
TOTAL MOLYBDENUM	Mo	ppm w/w	0.014	Microwave digestion, ICPAES
pH			8.08	Direct reading
Electrical Conductivity		µS/cm	590	Direct reading
TOTAL ORGANIC CARBON	OC	%	2.21	Method 6B2, LECO*
CARBON / NITROGEN RATIO	C/N		0.44	Calculation

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