



SWEP
PTY. LTD.

**ANALYTICAL
LABORATORIES**

ABN 26 005 031 569

Tel: (03) 9701 6007
Fax: (03) 9701 5712

REPORT ON SAMPLE OF PIG MANURE

FILE NO : 1603117751

DATE ISSUED : 22/03/2016

BURRA GARDEN SUPPLIES
ATTENTION: ADRIAN HUGHES
P O BOX 268
KORUMBURRA, VIC 3950

CLIENT ID : BUR114
PHONE : 0427 863 802

REFERENCE :

REFERENCE ID :

SAMPLE ID : PIG MANURE 4

PHONE :

ANALYSIS REQUIRED : Full (FT-2) Cl, C/N Ratio

DATE RECEIVED : 17/03/2016

ITEMS	ABBREVIATION	UNIT	RESULTS	ANALYTICAL METHODS
Results of analysis on sample on dry weight basis:				
TOTAL NITROGEN	N	% w/w	1.52	Dumas method, 7A5*
TOTAL PHOSPHORUS	P	% w/w	4.4	Acid digestion, ICPAES
TOTAL POTASSIUM	K	% w/w	0.718	Acid digestion, ICPAES
TOTAL SULPHUR	S	% w/w	0.759	Acid digestion, ICPAES
TOTAL CALCIUM	Ca	% w/w	10.1	Acid digestion, ICPAES
TOTAL MAGNESIUM	Mg	% w/w	0.99	Acid digestion, ICPAES
TOTAL SODIUM	Na	% w/w	0.38	Acid digestion, ICPAES
TOTAL IRON	Fe	% w/w	1.47	Acid digestion, ICPAES
TOTAL MANGANESE	Mn	ppm w/w	1180	Acid digestion, ICPAES
TOTAL ZINC	Zn	ppm w/w	2560	Acid digestion, ICPAES
TOTAL COPPER	Cu	ppm w/w	491	Acid digestion, ICPAES
TOTAL COBALT	Co	ppm w/w	5.24	Acid digestion, ICPAES
TOTAL BORON	B	ppm w/w	27.5	Acid digestion, ICPAES
TOTAL MOLYBDENUM	Mo	ppm w/w	3.35	Acid digestion, ICPAES
pH	1:5 Water		6.48	Method 4A1, water suspension*
Electrical Conductivity		µS/cm	4450	Method 3A1, water extract*
TOTAL ORGANIC CARBON	OC	% w/w	14	Method 6B3, LECO*
MOISTURE CONTENT	MC	% w/w	30.8	Gravimetric method
CARBON / NITROGEN RATIO	C/N		9.21	Calculation
CHLORIDE	Cl	ppm w/w	Not required	Method 5A1, water extract*
TOTAL SELENIUM	Se	ppm w/w	Not required	Acid digestion, ICPAES
TOTAL CADMIUM	Cd	ppm w/w	Not required	Acid digestion, ICPAES
TOTAL MERCURY	Hg	ppm w/w	Not required	Acid digestion, ICPAES
TOTAL LEAD	Pb	ppm w/w	Not required	Acid digestion, ICPAES
TOTAL ARSENIC	As	ppm w/w	Not required	Acid digestion, ICPAES

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

ASPAC Certified Laboratory.

AQIS Approved Quarantine Site.

Victorian DPI accreditation to receive samples from PIZ and PCN infested zones.