



SWEP
PTY. LTD.

ABN 26 005 031 569

**ANALYTICAL
LABORATORIES**

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

REPORT ON SAMPLE OF LIQUID FERTILISER

FILE NO : 2502190037

DATE ISSUED : 18/02/2025

NEIL JEFFS
21 LINDNER STREET
CABOOLTURE, QLD 4510

CLIENT ID : JEF030
PHONE :

REFERENCE :

REFERENCE ID :

SAMPLE ID : J-PONICS PART A

PHONE :

ANALYSIS REQUIRED : Full (FT-2) Se, Ni, Cd

DATE RECEIVED : 6/02/2025

SOURCE:

ITEMS	ABBREVIATION	UNIT	RESULTS	ANALYTICAL METHODS
Results of analysis as received:				
TOTAL NITROGEN	N	% w/w	4.095	Dumas method, 7A5*
TOTAL PHOSPHORUS	P	% w/w	0.0004	Microwave digestion, ICPAES
TOTAL POTASSIUM	K	% w/w	0.192	Microwave digestion, ICPAES
TOTAL SULPHUR	S	% w/w	0.0078	Microwave digestion, ICPAES
TOTAL CALCIUM	Ca	% w/w	7.21	Microwave digestion, ICPAES
TOTAL MAGNESIUM	Mg	% w/w	0.18	Microwave digestion, ICPAES
TOTAL SODIUM	Na	% w/w	2.1	Microwave digestion, ICPAES
TOTAL IRON	Fe	ppm w/w	1.256	Microwave digestion, ICPAES
TOTAL MANGANESE	Mn	ppm w/w	4.74	Microwave digestion, ICPAES
TOTAL ZINC	Zn	ppm w/w	1.438	Microwave digestion, ICPAES
TOTAL COPPER	Cu	ppm w/w	1.07	Microwave digestion, ICPAES
TOTAL COBALT	Co	ppm w/w	0.0031	Microwave digestion, ICPAES
TOTAL BORON	B	ppm w/w	32.4	Microwave digestion, ICPAES
TOTAL MOLYBDENUM	Mo	ppm w/w	0.007	Microwave digestion, ICPAES
pH			5.78	Direct reading
Electrical Conductivity		µS/cm	83430	Direct reading
TOTAL ORGANIC CARBON	OC	%	0.067	Method 6B2, LECO*
CARBON / NITROGEN RATIO	C/N		0.02	Calculation
TOTAL SELENIUM	Se	ppm w/w	0.000001	Microwave digestion, ICPMS
TOTAL CADMIUM	Cd	ppm w/w	0.0055	Microwave digestion, ICPMS
TOTAL NICKEL	Ni	ppm w/w	0.127	Microwave digestion, ICPMS

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



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REPORT ON SAMPLE OF LIQUID FERTILISER

FILE NO : 2502190038

DATE ISSUED : 18/02/2025

NEIL JEFFS
21 LINDNER STREET
CABOOLTURE, QLD 4510

CLIENT ID : JEF030
PHONE :

REFERENCE :

REFERENCE ID :

SAMPLE ID : J-PONICS PART B

PHONE :

ANALYSIS REQUIRED : Full (FT-2) Se, Ni, Cd

DATE RECEIVED : 6/02/2025

SOURCE:

ITEMS	ABBREVIATION	UNIT	RESULTS	ANALYTICAL METHODS
Results of analysis as received:				
TOTAL NITROGEN	N	% w/w	3.571	Dumas method, 7A5*
TOTAL PHOSPHORUS	P	% w/w	4.02	Microwave digestion, ICPAES
TOTAL POTASSIUM	K	% w/w	9.3	Microwave digestion, ICPAES
TOTAL SULPHUR	S	% w/w	1.41	Microwave digestion, ICPAES
TOTAL CALCIUM	Ca	% w/w	0.0144	Microwave digestion, ICPAES
TOTAL MAGNESIUM	Mg	% w/w	0.586	Microwave digestion, ICPAES
TOTAL SODIUM	Na	% w/w	0.117	Microwave digestion, ICPAES
TOTAL IRON	Fe	ppm w/w	534	Microwave digestion, ICPAES
TOTAL MANGANESE	Mn	ppm w/w	263	Microwave digestion, ICPAES
TOTAL ZINC	Zn	ppm w/w	85.6	Microwave digestion, ICPAES
TOTAL COPPER	Cu	ppm w/w	59.6	Microwave digestion, ICPAES
TOTAL COBALT	Co	ppm w/w	0.0092	Microwave digestion, ICPAES
TOTAL BORON	B	ppm w/w	129	Microwave digestion, ICPAES
TOTAL MOLYBDENUM	Mo	ppm w/w	40.6	Microwave digestion, ICPAES
pH			3.39	Direct reading
Electrical Conductivity		µS/cm	111700	Direct reading
TOTAL ORGANIC CARBON	OC	%	0.0489	Method 6B2, LECO*
CARBON / NITROGEN RATIO	C/N		0.01	Calculation
TOTAL SELENIUM	Se	ppm w/w	0.0000012	Microwave digestion, ICPMS
TOTAL CADMIUM	Cd	ppm w/w	0.0114	Microwave digestion, ICPMS
TOTAL NICKEL	Ni	ppm w/w	0.0754	Microwave digestion, ICPMS

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



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Invoice No. 089174

NEIL JEFFS
21 LINDNER STREET
CABOOLTURE QLD 4510

Date Issue: 6/02/2025

TAX INVOICE

Unit	DESCRIPTION	COST PER UNIT	TOTAL
1	Fertiliser Sample 06/02/2025 2502190037	270	270
1	Fertiliser Sample 06/02/2025 2502190038	270	270
10% GST		\$	54.00
TOTAL			594.00

Paid with thanks Cheque No:
Bank eft

INVOICE NO: 089174

AMOUNT PAID \$ 594.00

SWEP Analytical Laboratories
P.O. Box 583 Noble Park VIC 3174

DATE PAID: 7/02/2025