

Cootamundra Gundagai Regional Council

Friday, June 21, 2024

PO Box 420

Cootamundra NSW 2590

Attention: Andrew Brock



**NATA Accredited Laboratory
Number: 9597**

**Accredited for compliance with
ISO/IEC 17025 - Testing**

LABORATORY ANALYSIS REPORT

Report Number:2404-0111

Page 1 of 9

For all enquiries related to this report please quote document number: 2404-0111

<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>
		30-April-2024
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Soil	Client	30-April-2024

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
24Apr-0353	Mitchell Park 24.04.24 12.00pm	Calcium, soluble/exchangeable	11.8 cmol/kg	LTM-S-005	0.02
		Conductivity (1:5 soil/water)	320 µS/cm	LTM-S-003	1
		Magnesium, soluble/exchangeable	5.45 cmol/kg	LTM-S-005	0.02
		Nitrate as N	57 mg/g	LTM-S-007	1
		Nitrogen, total	2950 mg/kg	* LTM-S-007 + LTM-S-011	2
		Organic Matter by LOI (% OM)	11.1 %	* R&L 6G1	0.1
		Extractable Phosphorus (Colwell)	133 mg/g	LTM-S-006	5
		Phosphorus, Total	484 mg/kg	LTM-S-015	2
		pH (1:5 soil/water)	7.6 pH units	LTM-S-004	
		Potassium, soluble/exchangeable	1.07 cmol/kg	LTM-S-005	0.05
		Sodium, soluble/exchangeable	0.89 cmol/kg	LTM-S-005	0.02
		Total Kjeldahl Nitrogen	2890 mg/kg	LTM-S-011	2

24Apr-0354	Country Club Oval 24.04.24 11.45am	Calcium, soluble/exchangeable	7.76 cmol/kg	LTM-S-005	0.02
		Conductivity (1:5 soil/water)	235 µS/cm	LTM-S-003	1
		Magnesium, soluble/exchangeable	4.53 cmol/kg	LTM-S-005	0.02
		Nitrate as N	28 mg/g	LTM-S-007	1
		Nitrogen, total	2420 mg/kg	* LTM-S-007 + LTM-S-011	2
		Organic Matter by LOI (% OM)	10.1 %	* R&L 6G1	0.1
		Extractable Phosphorus (Colwell)	44 mg/g	LTM-S-006	5
		Phosphorus, Total	467 mg/kg	LTM-S-015	2

Cootamundra Gundagai Regional Council

Friday, June 21, 2024

PO Box 420

Cootamundra NSW 2590

Attention: Andrew Brock



**NATA Accredited Laboratory
Number: 9597**

**Accredited for compliance with
ISO/IEC 17025 - Testing**

LABORATORY ANALYSIS REPORT

Report Number:2404-0111

Page 2 of 9

For all enquiries related to this report please quote document number: 2404-0111

<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>
		30-April-2024
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Soil	Client	30-April-2024

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
24Apr-0354	Country Club Oval 24.04.24 11.45am	pH (1:5 soil/water)	7.3 pH units	LTM-S-004	
		Potassium, soluble/exchangeable	0.76 cmol/kg	LTM-S-005	0.05
		Sodium, soluble/exchangeable	0.79 cmol/kg	LTM-S-005	0.02
		Total Kjeldahl Nitrogen	2390 mg/kg	LTM-S-011	2
24Apr-0355	Coota High School 24.04.24 11.40am	Calcium, soluble/exchangeable	3.84 cmol/kg	LTM-S-005	0.02
		Conductivity (1:5 soil/water)	121 µS/cm	LTM-S-003	1
		Magnesium, soluble/exchangeable	1.95 cmol/kg	LTM-S-005	0.02
		Nitrate as N	13 mg/g	LTM-S-007	1
		Nitrogen, total	1700 mg/kg	* LTM-S-007 + LTM-S-011	2
		Organic Matter by LOI (% OM)	9.5 %	* R&L 6G1	0.1
		Extractable Phosphorus (Colwell)	22 mg/g	LTM-S-006	5
		Phosphorus, Total	135 mg/kg	LTM-S-015	2
		pH (1:5 soil/water)	6.6 pH units	LTM-S-004	
		Potassium, soluble/exchangeable	0.88 cmol/kg	LTM-S-005	0.05
		Sodium, soluble/exchangeable	0.25 cmol/kg	LTM-S-005	0.02
		Total Kjeldahl Nitrogen	1690 mg/kg	LTM-S-011	2
24Apr-0356	Jubilee Park 24.04.24 11.30am	Calcium, soluble/exchangeable	7.24 cmol/kg	LTM-S-005	0.02
		Conductivity (1:5 soil/water)	127 µS/cm	LTM-S-003	1
		Magnesium, soluble/exchangeable	3.49 cmol/kg	LTM-S-005	0.02

Cootamundra Gundagai Regional Council

Friday, June 21, 2024

PO Box 420

Cootamundra NSW 2590

Attention: Andrew Brock



**NATA Accredited Laboratory
Number: 9597**

**Accredited for compliance with
ISO/IEC 17025 - Testing**

LABORATORY ANALYSIS REPORT

Report Number:2404-0111

Page 3 of 9

For all enquiries related to this report please quote document number: 2404-0111

<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>
		30-April-2024

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Soil	Client	30-April-2024

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
24Apr-0356	Jubilee Park 24.04.24 11.30am	Nitrate as N	20 mg/g	LTM-S-007	1
		Nitrogen, total	3130 mg/kg	* LTM-S-007 + LTM-S-011	2
		Organic Matter by LOI (% OM)	10.1 %	* R&L 6G1	0.1
		Extractable Phosphorus (Colwell)	22 mg/g	LTM-S-006	5
		Phosphorus, Total	351 mg/kg	LTM-S-015	2
		pH (1:5 soil/water)	6.8 pH units	LTM-S-004	
		Potassium, soluble/exchangeable	0.99 cmol/kg	LTM-S-005	0.05
		Sodium, soluble/exchangeable	0.24 cmol/kg	LTM-S-005	0.02
		Total Kjeldahl Nitrogen	3110 mg/kg	LTM-S-011	2
24Apr-0357	Fisher Park 24.04.24 11.15am	Calcium, soluble/exchangeable	9.14 cmol/kg	LTM-S-005	0.02
		Conductivity (1:5 soil/water)	218 µS/cm	LTM-S-003	1
		Magnesium, soluble/exchangeable	6.49 cmol/kg	LTM-S-005	0.02
		Nitrate as N	31 mg/g	LTM-S-007	1
		Nitrogen, total	3450 mg/kg	* LTM-S-007 + LTM-S-011	2
		Organic Matter by LOI (% OM)	9.0 %	* R&L 6G1	0.1
		Extractable Phosphorus (Colwell)	199 mg/g	LTM-S-006	5
		Phosphorus, Total	614 mg/kg	LTM-S-015	2
		pH (1:5 soil/water)	6.9 pH units	LTM-S-004	
		Potassium, soluble/exchangeable	1.46 cmol/kg	LTM-S-005	0.05
		Sodium, soluble/exchangeable	0.71 cmol/kg	LTM-S-005	0.02

Cootamundra Gundagai Regional Council

Friday, June 21, 2024

PO Box 420

Cootamundra NSW 2590

Attention: Andrew Brock



**NATA Accredited Laboratory
Number: 9597**

**Accredited for compliance with
ISO/IEC 17025 - Testing**

LABORATORY ANALYSIS REPORT

Report Number: 2404-0111

Page 4 of 9

For all enquiries related to this report please quote document number: 2404-0111

<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>
		30-April-2024

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Soil	Client	30-April-2024

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
24Apr-0357	Fisher Park 24.04.24 11.15am	Total Kjeldahl Nitrogen	3420 mg/kg	LTM-S-011	2
24Apr-0358	Nicholson Park 24.04.24 11.10am	Calcium, soluble/exchangeable	14.4 cmol/kg	LTM-S-005	0.02
		Conductivity (1:5 soil/water)	295 µS/cm	LTM-S-003	1
		Magnesium, soluble/exchangeable	9.96 cmol/kg	LTM-S-005	0.02
		Nitrate as N	14 mg/g	LTM-S-007	1
		Nitrogen, total	3850 mg/kg	* LTM-S-007 + LTM-S-011	2
		Organic Matter by LOI (% OM)	10.8 %	* R&L 6G1	0.1
		Extractable Phosphorus (Colwell)	28 mg/g	LTM-S-006	5
		Phosphorus, Total	264 mg/kg	LTM-S-015	2
		pH (1:5 soil/water)	7.3 pH units	LTM-S-004	
		Potassium, soluble/exchangeable	1.44 cmol/kg	LTM-S-005	0.05
		Sodium, soluble/exchangeable	1.34 cmol/kg	LTM-S-005	0.02
		Total Kjeldahl Nitrogen	3840 mg/kg	LTM-S-011	2
24Apr-0359	Bradman Oval 24.04.24 11.00am	Calcium, soluble/exchangeable	9.74 cmol/kg	LTM-S-005	0.02
		Conductivity (1:5 soil/water)	777 µS/cm	LTM-S-003	1
		Magnesium, soluble/exchangeable	9.40 cmol/kg	LTM-S-005	0.02
		Nitrate as N	14 mg/g	LTM-S-007	1
		Nitrogen, total	2330 mg/kg	* LTM-S-007 + LTM-S-011	2
		Organic Matter by LOI (% OM)	9.2 %	* R&L 6G1	0.1

Cootamundra Gundagai Regional Council

Friday, June 21, 2024

PO Box 420

Cootamundra NSW 2590

Attention: Andrew Brock



**NATA Accredited Laboratory
Number: 9597**

**Accredited for compliance with
ISO/IEC 17025 - Testing**

LABORATORY ANALYSIS REPORT

Report Number:2404-0111

Page 5 of 9

For all enquiries related to this report please quote document number: 2404-0111

<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>
		30-April-2024
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Soil	Client	30-April-2024

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
24Apr-0359	Bradman Oval 24.04.24 11.00am	Extractable Phosphorus (Colwell)	12 mg/g	LTM-S-006	5
		Phosphorus, Total	193 mg/kg	LTM-S-015	2
		pH (1:5 soil/water)	6.7 pH units	LTM-S-004	
		Potassium, soluble/exchangeable	0.93 cmol/kg	LTM-S-005	0.05
		Sodium, soluble/exchangeable	2.91 cmol/kg	LTM-S-005	0.02
		Total Kjeldahl Nitrogen	2320 mg/kg	LTM-S-011	2
24Apr-0360	Cameron Square 24.04.24 10.50am	Calcium, soluble/exchangeable	7.36 cmol/kg	LTM-S-005	0.02
		Conductivity (1:5 soil/water)	164 µS/cm	LTM-S-003	1
		Magnesium, soluble/exchangeable	2.96 cmol/kg	LTM-S-005	0.02
		Nitrate as N	42 mg/g	LTM-S-007	1
		Nitrogen, total	2220 mg/kg	* LTM-S-007 + LTM-S-011	2
		Organic Matter by LOI (% OM)	7.2 %	* R&L 6G1	0.1
		Extractable Phosphorus (Colwell)	10 mg/g	LTM-S-006	5
		Phosphorus, Total	213 mg/kg	LTM-S-015	2
		pH (1:5 soil/water)	6.7 pH units	LTM-S-004	
		Potassium, soluble/exchangeable	2.10 cmol/kg	LTM-S-005	0.05
		Sodium, soluble/exchangeable	0.18 cmol/kg	LTM-S-005	0.02
		Total Kjeldahl Nitrogen	2180 mg/kg	LTM-S-011	2
24Apr-0361	Albert Park 24.04.24 1.10pm	Calcium, soluble/exchangeable	7.42 cmol/kg	LTM-S-005	0.02

Cootamundra Gundagai Regional Council

Friday, June 21, 2024

PO Box 420

Cootamundra NSW 2590

Attention: Andrew Brock



**NATA Accredited Laboratory
Number: 9597**

**Accredited for compliance with
ISO/IEC 17025 - Testing**

LABORATORY ANALYSIS REPORT

Report Number: 2404-0111

Page 6 of 9

For all enquiries related to this report please quote document number: 2404-0111

<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>
		30-April-2024

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Soil	Client	30-April-2024

<u>EAL ID</u>	<u>Client ID</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
24Apr-0361	Albert Park 24.04.24 1.10pm	Conductivity (1:5 soil/water)	172 µS/cm	LTM-S-003	1
		Magnesium, soluble/exchangeable	4.87 cmol/kg	LTM-S-005	0.02
		Nitrate as N	27 mg/g	LTM-S-007	1
		Nitrogen, total	2890 mg/kg	* LTM-S-007 + LTM-S-011	2
		Organic Matter by LOI (% OM)	9.2 %	* R&L 6G1	0.1
		Extractable Phosphorus (Colwell)	21 mg/g	LTM-S-006	5
		Phosphorus, Total	329 mg/kg	LTM-S-015	2
		pH (1:5 soil/water)	6.8 pH units	LTM-S-004	
		Potassium, soluble/exchangeable	1.45 cmol/kg	LTM-S-005	0.05
		Sodium, soluble/exchangeable	0.24 cmol/kg	LTM-S-005	0.02
		Total Kjeldahl Nitrogen	2860 mg/kg	LTM-S-011	2

24Apr-0362	O'Connor Park 24.04.24 1.30pm	Calcium, soluble/exchangeable	3.92 cmol/kg	LTM-S-005	0.02
		Conductivity (1:5 soil/water)	189 µS/cm	LTM-S-003	1
		Magnesium, soluble/exchangeable	2.84 cmol/kg	LTM-S-005	0.02
		Nitrate as N	20 mg/g	LTM-S-007	1
		Nitrogen, total	606 mg/kg	* LTM-S-007 + LTM-S-011	2
		Organic Matter by LOI (% OM)	7.6 %	* R&L 6G1	0.1
		Extractable Phosphorus (Colwell)	48 mg/g	LTM-S-006	5
		Phosphorus, Total	156 mg/kg	LTM-S-015	2
		pH (1:5 soil/water)	7.2 pH units	LTM-S-004	

Cootamundra Gundagai Regional Council

Friday, June 21, 2024

PO Box 420

Cootamundra NSW 2590

Attention: Andrew Brock



**NATA Accredited Laboratory
Number: 9597**

**Accredited for compliance with
ISO/IEC 17025 - Testing**

LABORATORY ANALYSIS REPORT

Report Number:2404-0111

Page 7 of 9

For all enquiries related to this report please quote document number: 2404-0111

<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>
		30-April-2024
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Soil	Client	30-April-2024

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
24Apr-0362	O'Connor Park 24.04.24 1.30pm	Potassium, soluble/exchangeable	0.32 cmol/kg	LTM-S-005	0.05
		Sodium, soluble/exchangeable	0.43 cmol/kg	LTM-S-005	0.02
		Total Kjeldahl Nitrogen	586 mg/kg	LTM-S-011	2
24Apr-0363	Clark Oval 24.04.24 11.20am	Calcium, soluble/exchangeable	11.5 cmol/kg	LTM-S-005	0.02
		Conductivity (1:5 soil/water)	239 µS/cm	LTM-S-003	1
		Magnesium, soluble/exchangeable	9.67 cmol/kg	LTM-S-005	0.02
		Nitrate as N	39 mg/g	LTM-S-007	1
		Nitrogen, total	4050 mg/kg	* LTM-S-007 + LTM-S-011	2
		Organic Matter by LOI (% OM)	9.1 %	* R&L 6G1	0.1
		Extractable Phosphorus (Colwell)	133 mg/g	LTM-S-006	5
		Phosphorus, Total	563 mg/kg	LTM-S-015	2
		pH (1:5 soil/water)	7.0 pH units	LTM-S-004	
		Potassium, soluble/exchangeable	2.26 cmol/kg	LTM-S-005	0.05
		Sodium, soluble/exchangeable	0.90 cmol/kg	LTM-S-005	0.02
		Total Kjeldahl Nitrogen	4010 mg/kg	LTM-S-011	2
24Apr-0364	Southee Public School 24.04.24 11.50am	Calcium, soluble/exchangeable	13.1 cmol/kg	LTM-S-005	0.02
		Conductivity (1:5 soil/water)	174 µS/cm	LTM-S-003	1
		Magnesium, soluble/exchangeable	6.57 cmol/kg	LTM-S-005	0.02
		Nitrate as N	38 mg/g	LTM-S-007	1

Cootamundra Gundagai Regional Council

Friday, June 21, 2024

PO Box 420

Cootamundra NSW 2590

Attention: Andrew Brock



**NATA Accredited Laboratory
Number: 9597**

**Accredited for compliance with
ISO/IEC 17025 - Testing**

LABORATORY ANALYSIS REPORT

Report Number:2404-0111

Page 8 of 9

For all enquiries related to this report please quote document number: 2404-0111

<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>
		30-April-2024

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Soil	Client	30-April-2024

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
24Apr-0364	Southee Public School 24.04.24 11.50am	Nitrogen, total	2480 mg/kg	* LTM-S-007 + LTM-S-011	2
		Organic Matter by LOI (% OM)	9.6 %	* R&L 6G1	0.1
		Extractable Phosphorus (Colwell)	101 mg/g	LTM-S-006	5
		Phosphorus, Total	457 mg/kg	LTM-S-015	2
		pH (1:5 soil/water)	6.6 pH units	LTM-S-004	
		Potassium, soluble/exchangeable	1.23 cmol/kg	LTM-S-005	0.05
		Sodium, soluble/exchangeable	0.37 cmol/kg	LTM-S-005	0.02
		Total Kjeldahl Nitrogen	2440 mg/kg	LTM-S-011	2
24Apr-0365	Coota Public School 24.04.24 1.20pm	Calcium, soluble/exchangeable	12.4 cmol/kg	LTM-S-005	0.02
		Conductivity (1:5 soil/water)	151 µS/cm	LTM-S-003	1
		Magnesium, soluble/exchangeable	7.54 cmol/kg	LTM-S-005	0.02
		Nitrate as N	21 mg/g	LTM-S-007	1
		Nitrogen, total	2220 mg/kg	* LTM-S-007 + LTM-S-011	2
		Organic Matter by LOI (% OM)	9.5 %	* R&L 6G1	0.1
		Extractable Phosphorus (Colwell)	88 mg/g	LTM-S-006	5
		Phosphorus, Total	382 mg/kg	LTM-S-015	2
		pH (1:5 soil/water)	6.6 pH units	LTM-S-004	
		Potassium, soluble/exchangeable	1.94 cmol/kg	LTM-S-005	0.05
		Sodium, soluble/exchangeable	0.52 cmol/kg	LTM-S-005	0.02
		Total Kjeldahl Nitrogen	2200 mg/kg	LTM-S-011	2



Cootamundra Gundagai Regional Council

Friday, June 21, 2024

PO Box 420

Cootamundra NSW 2590

Attention: Andrew Brock



NATA Accredited Laboratory
Number: 9597

Accredited for compliance with
ISO/IEC 17025 - Testing

LABORATORY ANALYSIS REPORT

Report Number:2404-0111

Page 9 of 9

For all enquiries related to this report please quote document number: 2404-0111

Facility:	Order #	Date Analysis Commenced			
		30-April-2024			
Sample Type	Collected By	Date Received			
Soil	Client	30-April-2024			
EAL ID	Client ID.	Test	Result (units)	Method Reference	Limit of Reporting
	Date/Time sample taken				

Note:

* NATA Accreditation does not cover the performance of this service.

Signed Michael Glazier, Laboratory Manager.

All samples analysed as received.
All soil results are reported on a dry basis.
The EAL takes no responsibility for the end use of results within this report.
This report shall not be reproduced except in full.
This report replaces any previously issued report