

Southern Meats Pty Ltd  
Mazamet Road PO Box 244  
Goulburn NSW 2580  
Attention: Scott Newton

Saturday, June 12, 2021



NATA Accredited Laboratory  
Number: 9597

Accredited for compliance with  
ISO/IEC 17025 - Testing

## LABORATORY ANALYSIS REPORT

Report Number: 2105-0069

Page 1 of 6

For all enquiries related to this report please quote document number: 2105-0069

<u>Facility:</u>	<u>Order #</u>	
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Soil	Client	20-May-2021

<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>
21May-0246	SS1 18.05.21	Calcium, soluble/exchangeable	3.90 cmol/kg	LTM-S-005	0.02
		Effective Cation Exchange Capacity	9 cmol/kg	* R&L J1	1
		Magnesium, soluble/exchangeable	3.09 cmol/kg	LTM-S-005	0.02
		Nitrate as N	11 mg/kg	LTM-S-007	1
		Phosphorous Sorption	130 mg/kg	* R&L 9I2a	
		Phosphorus, Total	879 mg/kg	LTM-S-015	2
		pH (1:5 soil/water)	7.7 pH units	LTM-S-004	
		Potassium, soluble/exchangeable	0.95 cmol/kg	LTM-S-005	0.05
		Sodium, soluble/exchangeable	0.96 cmol/kg	LTM-S-005	0.02
		Total Kjeldahl Nitrogen	1540 mg/kg	LTM-S-011	2
21May-0247	SS2 18.05.21	Calcium, soluble/exchangeable	3.90 cmol/kg	LTM-S-005	0.02
		Effective Cation Exchange Capacity	8 cmol/kg	* R&L J1	1
		Magnesium, soluble/exchangeable	2.77 cmol/kg	LTM-S-005	0.02
		Nitrate as N	35 mg/kg	LTM-S-007	1
		Phosphorous Sorption	169 mg/kg	* R&L 9I2a	
		Phosphorus, Total	753 mg/kg	LTM-S-015	2
		pH (1:5 soil/water)	6.6 pH units	LTM-S-004	
		Potassium, soluble/exchangeable	0.81 cmol/kg	LTM-S-005	0.05
		Sodium, soluble/exchangeable	0.26 cmol/kg	LTM-S-005	0.02
		Total Kjeldahl Nitrogen	1620 mg/kg	LTM-S-011	2
21May-0248	SS3 18.05.21				

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Page 2 of 6

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21May-0248	SS3 18.05.21	Calcium, soluble/exchangeable	6.00 cmol/kg	LTM-S-005	0.02
		Effective Cation Exchange Capacity	14 cmol/kg	* R&L J1	1
		Magnesium, soluble/exchangeable	4.16 cmol/kg	LTM-S-005	0.02
		Nitrate as N	101 mg/kg	LTM-S-007	1
		Phosphorous Sorption	242 mg/kg	* R&L 9I2a	
		Phosphorus, Total	870 mg/kg	LTM-S-015	2
		pH (1:5 soil/water)	7.5 pH units	LTM-S-004	
		Potassium, soluble/exchangeable	2.52 cmol/kg	LTM-S-005	0.05
		Sodium, soluble/exchangeable	1.30 cmol/kg	LTM-S-005	0.02
		Total Kjeldahl Nitrogen	2890 mg/kg	LTM-S-011	2
21May-0249	SS4 18.05.21	Calcium, soluble/exchangeable	6.85 cmol/kg	LTM-S-005	0.02
		Effective Cation Exchange Capacity	13 cmol/kg	* R&L J1	1
		Magnesium, soluble/exchangeable	4.32 cmol/kg	LTM-S-005	0.02
		Nitrate as N	6 mg/kg	LTM-S-007	1
		Phosphorous Sorption	186 mg/kg	* R&L 9I2a	
		Phosphorus, Total	1030 mg/kg	LTM-S-015	2
		pH (1:5 soil/water)	7.1 pH units	LTM-S-004	
		Potassium, soluble/exchangeable	1.21 cmol/kg	LTM-S-005	0.05
		Sodium, soluble/exchangeable	0.62 cmol/kg	LTM-S-005	0.02
		Total Kjeldahl Nitrogen	2520 mg/kg	LTM-S-011	2
21May-0250	SS5 18.05.21				

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Page 3 of 6

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<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>
21May-0250	SS5 18.05.21	Calcium, soluble/exchangeable	3.94 cmol/kg	LTM-S-005	0.02
		Effective Cation Exchange Capacity	6 cmol/kg	* R&L J1	1
		Magnesium, soluble/exchangeable	1.76 cmol/kg	LTM-S-005	0.02
		Nitrate as N	12 mg/kg	LTM-S-007	1
		Phosphorous Sorption	125 mg/kg	* R&L 9I2a	
		Phosphorus, Total	361 mg/kg	LTM-S-015	2
		pH (1:5 soil/water)	7.7 pH units	LTM-S-004	
		Potassium, soluble/exchangeable	0.48 cmol/kg	LTM-S-005	0.05
		Sodium, soluble/exchangeable	0.32 cmol/kg	LTM-S-005	0.02
		Total Kjeldahl Nitrogen	910 mg/kg	LTM-S-011	2
21May-0251	SS6 18.05.21	Calcium, soluble/exchangeable	10.2 cmol/kg	LTM-S-005	0.02
		Effective Cation Exchange Capacity	15 cmol/kg	* R&L J1	1
		Magnesium, soluble/exchangeable	3.60 cmol/kg	LTM-S-005	0.02
		Nitrate as N	9 mg/kg	LTM-S-007	1
		Phosphorous Sorption	326 mg/kg	* R&L 9I2a	
		Phosphorus, Total	408 mg/kg	LTM-S-015	2
		pH (1:5 soil/water)	7.1 pH units	LTM-S-004	
		Potassium, soluble/exchangeable	1.06 cmol/kg	LTM-S-005	0.05
		Sodium, soluble/exchangeable	0.47 cmol/kg	LTM-S-005	0.02
		Total Kjeldahl Nitrogen	2110 mg/kg	LTM-S-011	2
21May-0252	SS7 18.05.21				

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Page 4 of 6

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21May-0252	SS7 18.05.21	Calcium, soluble/exchangeable	4.62 cmol/kg	LTM-S-005	0.02
		Effective Cation Exchange Capacity	9 cmol/kg	* R&L J1	1
		Magnesium, soluble/exchangeable	2.87 cmol/kg	LTM-S-005	0.02
		Nitrate as N	57 mg/kg	LTM-S-007	1
		Phosphorous Sorption	169 mg/kg	* R&L 9I2a	
		Phosphorus, Total	519 mg/kg	LTM-S-015	2
		pH (1:5 soil/water)	7.3 pH units	LTM-S-004	
		Potassium, soluble/exchangeable	0.57 cmol/kg	LTM-S-005	0.05
		Sodium, soluble/exchangeable	0.73 cmol/kg	LTM-S-005	0.02
		Total Kjeldahl Nitrogen	1200 mg/kg	LTM-S-011	2
21May-0253	SS8 18.05.21	Calcium, soluble/exchangeable	4.18 cmol/kg	LTM-S-005	0.02
		Effective Cation Exchange Capacity	6 cmol/kg	* R&L J1	1
		Magnesium, soluble/exchangeable	1.63 cmol/kg	LTM-S-005	0.02
		Nitrate as N	7 mg/kg	LTM-S-007	1
		Phosphorous Sorption	348 mg/kg	* R&L 9I2a	
		Phosphorus, Total	257 mg/kg	LTM-S-015	2
		pH (1:5 soil/water)	6.2 pH units	LTM-S-004	
		Potassium, soluble/exchangeable	0.60 cmol/kg	LTM-S-005	0.05
		Sodium, soluble/exchangeable	0.15 cmol/kg	LTM-S-005	0.02
		Total Kjeldahl Nitrogen	1410 mg/kg	LTM-S-011	2
21May-0254	SS9 18.05.21				

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Page 5 of 6

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21May-0254	SS9 18.05.21	Calcium, soluble/exchangeable	2.34 cmol/kg	LTM-S-005	0.02
		Effective Cation Exchange Capacity	4 cmol/kg	* R&L J1	1
		Magnesium, soluble/exchangeable	1.83 cmol/kg	LTM-S-005	0.02
		Nitrate as N	<1 mg/kg	LTM-S-007	1
		Phosphorous Sorption	320 mg/kg	* R&L 9I2a	
		Phosphorus, Total	184 mg/kg	LTM-S-015	2
		pH (1:5 soil/water)	6.3 pH units	LTM-S-004	
		Potassium, soluble/exchangeable	0.34 cmol/kg	LTM-S-005	0.05
		Sodium, soluble/exchangeable	0.05 cmol/kg	LTM-S-005	0.02
		Total Kjeldahl Nitrogen	1150 mg/kg	LTM-S-011	2
21May-0255	SS10 18.05.21	Calcium, soluble/exchangeable	0.85 cmol/kg	LTM-S-005	0.02
		Effective Cation Exchange Capacity	2 cmol/kg	* R&L J1	1
		Magnesium, soluble/exchangeable	0.41 cmol/kg	LTM-S-005	0.02
		Nitrate as N	16 mg/kg	LTM-S-007	1
		Phosphorous Sorption	315 mg/kg	* R&L 9I2a	
		Phosphorus, Total	119 mg/kg	LTM-S-015	2
		pH (1:5 soil/water)	5.8 pH units	LTM-S-004	
		Potassium, soluble/exchangeable	0.49 cmol/kg	LTM-S-005	0.05
		Sodium, soluble/exchangeable	<0.02 cmol/kg	LTM-S-005	0.02
		Total Kjeldahl Nitrogen	818 mg/kg	LTM-S-011	2

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Page 6 of 6

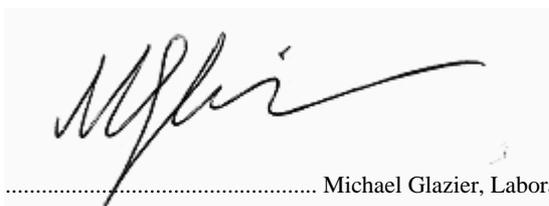
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**Note:**

\* 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.  
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