

REPORT NO. C24017-80000  
ACCOUNT NO. 06236

# A&L CANADA LABORATORIES INC.

2136 Jetstream Rd, London, ON, N5V 3P5 Tel (519) 457-2575 Fax: (519) 457-2664



TO: SCHLEGEL POULTRY COMPOST  
174298 PUTNAM RD  
LINE 17  
PUTNAM, ON N0L 2B0

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## MANURE ANALYSIS

LAB NUMBER: 178001  
SAMPLE ID: OTB -W2

DATE RECEIVED: 2024-01-17  
DATE REPORTED:  
DATE PRINTED: 2024-01-23

PARAMETER	ANALYSIS RESULT	POUNDS PER TON
Dry Matter	53.9 %	
Nitrogen (Total)	2.528 %	50.6
NH4-N	9264 ppm	18.5
Phosphorus (Total)	1.1407 %	
Phosphate (P as P2O5) **	2.6236 %	52.5
Potassium (Total)	1.4183 %	
Potash (K as K2O) **	1.7020 %	34.0
Organic Matter *	24.3 %	
pH	8.81	
Carbon:Nitrogen Ratio (C:N)	5 : 1	
Bulk Density (as Recieved)	597 kg/m3	
Sulfur	6012.6 ppm	
Conductivity (@ 25 deg C)	18.10 ms/cm	
Sodium	0.36 %	7.1
Aluminum	880.0 ppm	
Boron	20.0 ppm	
Calcium	3.7738 %	75.5

\* Organic Matter is reported on an as is basis.

\*\*Available nutrients are reported as total available. Only a portion of these nutrients will be available the year of application.

More information available: [http://www.alcanada.com/files/Manure\\_Analysis.pdf](http://www.alcanada.com/files/Manure_Analysis.pdf)



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LAB NUMBER: 178001  
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PARAMETER	ANALYSIS RESULT	POUNDS PER TON
Copper	341.4 ppm	
Iron	2014.1 ppm	
Magnesium	0.7336 %	14.7
Manganese	427.1 ppm	
Zinc	392.9 ppm	

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## MANURE ANALYSIS

LAB NUMBER: 178002  
SAMPLE ID: OTB -M2

DATE RECEIVED: 2024-01-17  
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PARAMETER	ANALYSIS RESULT	POUNDS PER TON
Dry Matter	56.5 %	
Nitrogen (Total)	2.144 %	42.9
NH4-N	7658 ppm	15.3
Phosphorus (Total)	1.0122 %	
Phosphate (P as P2O5) **	2.3281 %	46.6
Potassium (Total)	1.3319 %	
Potash (K as K2O) **	1.5983 %	32.0
Organic Matter *	22.6 %	
pH	8.86	
Carbon:Nitrogen Ratio (C:N)	6 : 1	
Bulk Density (as Recieved)	520 kg/m3	
Sulfur	5867.8 ppm	
Conductivity (@ 25 deg C)	14.88 ms/cm	
Sodium	0.34 %	6.8
Aluminum	818.3 ppm	
Boron	19.7 ppm	
Calcium	4.7897 %	95.8

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## MANURE ANALYSIS

LAB NUMBER: 178002  
SAMPLE ID: OTB -M2

DATE RECEIVED: 2024-01-17  
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PARAMETER	ANALYSIS RESULT	POUNDS PER TON
Copper	299.9 ppm	
Iron	2115.2 ppm	
Magnesium	1.0955 %	21.9
Manganese	426.3 ppm	
Zinc	366.1 ppm	

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## MANURE ANALYSIS

LAB NUMBER: 178003  
SAMPLE ID: OTB -M3

DATE RECEIVED: 2024-01-17  
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PARAMETER	ANALYSIS RESULT	POUNDS PER TON
Dry Matter	55.8 %	
Nitrogen (Total)	2.611 %	52.2
NH4-N	8106 ppm	16.2
Phosphorus (Total)	0.9991 %	
Phosphate (P as P2O5) **	2.2979 %	46.0
Potassium (Total)	1.4343 %	
Potash (K as K2O) **	1.7212 %	34.4
Organic Matter *	26.8 %	
pH	8.83	
Carbon:Nitrogen Ratio (C:N)	6 : 1	
Bulk Density (as Recieved)	481 kg/m3	
Sulfur	5663.8 ppm	
Conductivity (@ 25 deg C)	19.89 ms/cm	
Sodium	0.36 %	7.2
Aluminum	682.3 ppm	
Boron	18.9 ppm	
Calcium	3.3461 %	66.9

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## MANURE ANALYSIS

LAB NUMBER: 178003  
SAMPLE ID: OTB -M3

DATE RECEIVED: 2024-01-17  
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PARAMETER	ANALYSIS RESULT	POUNDS PER TON
Copper	314.0 ppm	
Iron	1712.7 ppm	
Magnesium	0.6372 %	12.7
Manganese	421.3 ppm	
Zinc	387.7 ppm	

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## MANURE ANALYSIS

LAB NUMBER: 178004  
SAMPLE ID: OTB -M4

DATE RECEIVED: 2024-01-17  
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PARAMETER	ANALYSIS RESULT	POUNDS PER TON
Dry Matter	54 %	
Nitrogen (Total)	2.549 %	51.0
NH4-N	9042 ppm	18.1
Phosphorus (Total)	1.1497 %	
Phosphate (P as P2O5) **	2.6443 %	52.9
Potassium (Total)	1.5696 %	
Potash (K as K2O) **	1.8835 %	37.7
Organic Matter *	24.8 %	
pH	8.91	
Carbon:Nitrogen Ratio (C:N)	5 : 1	
Bulk Density (as Recieved)	514 kg/m3	
Sulfur	5075.7 ppm	
Conductivity (@ 25 deg C)	29.90 ms/cm	
Sodium	0.38 %	7.7
Aluminum	616.9 ppm	
Boron	20.6 ppm	
Calcium	3.2139 %	64.3

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## MANURE ANALYSIS

LAB NUMBER: 178004  
SAMPLE ID: OTB -M4

DATE RECEIVED: 2024-01-17  
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PARAMETER	ANALYSIS RESULT	POUNDS PER TON
Copper	367.6 ppm	
Iron	1514.0 ppm	
Magnesium	0.7283 %	14.6
Manganese	405.6 ppm	
Zinc	402.0 ppm	

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## MANURE ANALYSIS

LAB NUMBER: 178005  
SAMPLE ID: OTB -E5

DATE RECEIVED: 2024-01-17  
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PARAMETER	ANALYSIS RESULT	POUNDS PER TON
Dry Matter	57.7 %	
Nitrogen (Total)	3.187 %	63.7
NH4-N	10157 ppm	20.3
Phosphorus (Total)	1.1956 %	
Phosphate (P as P2O5) **	2.7499 %	55.0
Potassium (Total)	1.5189 %	
Potash (K as K2O) **	1.8227 %	36.5
Organic Matter *	29.2 %	
pH	8.83	
Carbon:Nitrogen Ratio (C:N)	5 : 1	
Bulk Density (as Recieved)	582 kg/m3	
Sulfur	4763.5 ppm	
Conductivity (@ 25 deg C)	17.03 ms/cm	
Sodium	0.39 %	7.8
Aluminum	533.2 ppm	
Boron	18.2 ppm	
Calcium	3.5712 %	71.4

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LAB NUMBER: 178005  
SAMPLE ID: OTB -E5

DATE RECEIVED: 2024-01-17  
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PARAMETER	ANALYSIS RESULT	POUNDS PER TON
Copper	355.4 ppm	
Iron	1353.1 ppm	
Magnesium	0.8222 %	16.4
Manganese	443.7 ppm	
Zinc	401.8 ppm	

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