

REPORT NO. C25010-80000
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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COMPOST ANALYSIS

LAB NUMBER: 108001
SAMPLE ID: OTB-W1

DATE RECEIVED: 2025-01-10
DATE REPORTED:
DATE PRINTED: 2025-01-17

PARAMETER	ANALYSIS RESULT	POUNDS PER TON
Dry Matter	68.2 %	
Nitrogen (Total)	2.082 %	41.6
NH4-N	2943 ppm	5.9
Phosphorus (Total)	1.8202 %	
Phosphate (P as P2O5) **	4.1865 %	83.7
Potassium (Total)	1.9569 %	
Potash (K as K2O) **	2.3483 %	47.0
Organic Matter *	30.5 %	
pH	9.01	
Carbon:Nitrogen Ratio (C:N)	8 : 1	
Bulk Density (as Recieved)	645 kg/m3	
Sulfur	5208.3 ppm	
Conductivity (@ 25 deg C)	28.50 ms/cm	
Sodium	0.39 %	7.7
Aluminum	1301.1 ppm	
Boron	23.7 ppm	
Calcium	8.5697 %	171.4

* All Parameters are on an as is basis.

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PARAMETER	ANALYSIS RESULT	POUNDS PER TON
Copper	447.6 ppm	
Iron	3580.9 ppm	
Magnesium	1.9362 %	38.7
Manganese	701.6 ppm	
Zinc	469.6 ppm	

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LAB NUMBER: 108002
SAMPLE ID: OTB-C2

DATE RECEIVED: 2025-01-10
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PARAMETER	ANALYSIS RESULT	POUNDS PER TON
Dry Matter	66.9 %	
Nitrogen (Total)	1.815 %	36.3
NH4-N	3619 ppm	7.2
Phosphorus (Total)	1.3062 %	
Phosphate (P as P205) **	3.0043 %	60.1
Potassium (Total)	1.3473 %	
Potash (K as K2O) **	1.6168 %	32.3
Organic Matter *	24.6 %	
pH	9.31	
Carbon:Nitrogen Ratio (C:N)	8 : 1	
Bulk Density (as Recieved)	829 kg/m3	
Sulfur	3948.0 ppm	
Conductivity (@ 25 deg C)	26.00 ms/cm	
Sodium	0.27 %	5.5
Aluminum	1156.8 ppm	
Boron	17.6 ppm	
Calcium	7.9843 %	159.7

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PARAMETER	ANALYSIS RESULT	POUNDS PER TON
Copper	306.4 ppm	
Iron	3953.3 ppm	
Magnesium	1.2477 %	25.0
Manganese	555.1 ppm	
Zinc	333.8 ppm	

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LAB NUMBER: 108003
SAMPLE ID: OTB-E3

DATE RECEIVED: 2025-01-10
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PARAMETER	ANALYSIS RESULT	POUNDS PER TON
Dry Matter	65.4 %	
Nitrogen (Total)	1.971 %	39.4
NH4-N	4412 ppm	8.8
Phosphorus (Total)	1.4289 %	
Phosphate (P as P2O5) **	3.2865 %	65.7
Potassium (Total)	1.3918 %	
Potash (K as K2O) **	1.6702 %	33.4
Organic Matter *	23.5 %	
pH	9.36	
Carbon:Nitrogen Ratio (C:N)	7 : 1	
Bulk Density (as Recieved)	550 kg/m3	
Sulfur	4331.6 ppm	
Conductivity (@ 25 deg C)	29.50 ms/cm	
Sodium	0.32 %	6.5
Aluminum	1420.5 ppm	
Boron	18.3 ppm	
Calcium	4.8289 %	96.6

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PARAMETER	ANALYSIS RESULT	POUNDS PER TON
Copper	390.0 ppm	
Iron	3293.3 ppm	
Magnesium	1.1623 %	23.2
Manganese	556.2 ppm	
Zinc	354.3 ppm	

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LAB NUMBER: 108004
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PARAMETER	ANALYSIS RESULT	POUNDS PER TON
Dry Matter	48.8 %	
Nitrogen (Total)	1.595 %	31.9
NH4-N	2870 ppm	5.7
Phosphorus (Total)	1.1289 %	
Phosphate (P as P2O5) **	2.5965 %	51.9
Potassium (Total)	1.6695 %	
Potash (K as K2O) **	2.0034 %	40.1
Organic Matter *	22.2 %	
pH	9.36	
Carbon:Nitrogen Ratio (C:N)	8 : 1	
Bulk Density (as Recieved)	589 kg/m3	
Sulfur	5089.9 ppm	
Conductivity (@ 25 deg C)	23.82 ms/cm	
Sodium	0.27 %	5.5
Aluminum	1061.6 ppm	
Boron	18.7 ppm	
Calcium	3.1810 %	63.6

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PARAMETER	ANALYSIS RESULT	POUNDS PER TON
Copper	335.1 ppm	
Iron	2528.4 ppm	
Magnesium	0.5726 %	11.5
Manganese	419.2 ppm	
Zinc	321.4 ppm	

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PARAMETER	ANALYSIS RESULT	POUNDS PER TON
Dry Matter	52.5 %	
Nitrogen (Total)	1.376 %	27.5
NH4-N	2994 ppm	6.0
Phosphorus (Total)	1.1139 %	
Phosphate (P as P2O5) **	2.5620 %	51.2
Potassium (Total)	1.7210 %	
Potash (K as K2O) **	2.0652 %	41.3
Organic Matter *	20.5 %	
pH	9.08	
Carbon:Nitrogen Ratio (C:N)	8 : 1	
Bulk Density (as Recieved)	538 kg/m3	
Sulfur	5343.4 ppm	
Conductivity (@ 25 deg C)	21.64 ms/cm	
Sodium	0.29 %	5.8
Aluminum	1265.0 ppm	
Boron	20.4 ppm	
Calcium	3.0799 %	61.6

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PARAMETER	ANALYSIS RESULT	POUNDS PER TON
Copper	353.3 ppm	
Iron	2817.4 ppm	
Magnesium	0.6373 %	12.7
Manganese	438.0 ppm	
Zinc	319.4 ppm	

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PARAMETER	ANALYSIS RESULT	POUNDS PER TON
Dry Matter	53.9 %	
Nitrogen (Total)	1.812 %	36.2
NH4-N	2588 ppm	5.2
Phosphorus (Total)	1.2117 %	
Phosphate (P as P2O5) **	2.7869 %	55.7
Potassium (Total)	2.0910 %	
Potash (K as K2O) **	2.5092 %	50.2
Organic Matter *	27.9 %	
pH	8.96	
Carbon:Nitrogen Ratio (C:N)	9 : 1	
Bulk Density (as Recieved)	513 kg/m3	
Sulfur	5842.1 ppm	
Conductivity (@ 25 deg C)	25.00 ms/cm	
Sodium	0.35 %	7.1
Aluminum	967.4 ppm	
Boron	22.5 ppm	
Calcium	3.7941 %	75.9

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PARAMETER	ANALYSIS RESULT	POUNDS PER TON
Copper	412.2 ppm	
Iron	2170.7 ppm	
Magnesium	0.6853 %	13.7
Manganese	455.8 ppm	
Zinc	361.3 ppm	

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