

REPORT NO.
C20260-70002

ACCOUNT NUMBER
95000

A & L Canada Laboratories Inc.

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



TO: TRANSFORM COMPOST PRODUCTS
3911 MT LEHMAN RD
ABBOTSFORD, BC V2T 5W5

FOR: SOIL CONDITIONER

ATTN: JOHN PAUL
Phone: 519-457-2575



CERTIFICATE OF ANALYSIS

PAGE: 1 / 3

PROJECT NO:
PO#: TCP 2020
LAB NUMBER: 2607007
SAMPLE ID: SOIL CONDITIONER

SAMPLE MATRIX: COMPOST
DATE SAMPLED: 2020-09-14
DATE RECEIVED: 2020-09-16
DATE REPORTED: 2020-09-28
DATE PRINTED: 2020-09-28

PARAMETER	RESULT	UNIT	DETECTION LIMIT	METHOD REFERENCE
Arsenic	BDL	ug/g	1.00	EPA 3050B/6010B(mod) *
Cadmium	BDL	ug/g	1.00	EPA 3050B/6010B(mod) *
Cobalt	1.24	ug/g	1.00	TMECC.04.06; EPA 3050/6010(mod)
Chromium	6.88	ug/g	1.00	TMECC.04.06; EPA 3050/6010(mod)*
Copper	301.40	ug/g	1.00	TMECC.04.06; EPA 3050/6010(mod)
Mercury	BDL	ug/g	0.10	EPA 7471 *
Molybdenum	2.9	ug/g	1.0	TMECC.04.06; EPA 3050/6010(mod)*
Nickel	6.24	ug/g	1.00	TMECC.04.06; EPA 3050/6010(mod)
Lead	1.11	ug/g	1.00	EPA 3050B/6010B(mod) *
Selenium	BDL	ug/g	1.00	EPA 3050/6010 (mod) *
Zinc	404.20	ug/g	1.00	TMECC.04.06; EPA 3050/6010(mod)

Comment:

Results reported on a dry weight basis

* - accredited test

BDL - Below detectable levels

The results of this report relate to the sample submitted and analyzed.



C20260-70002

Results Authorized By:

Haifeng Song, Ph.D., C.Chem. Lab Director

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PROJECT NO:
PO#: TCP 2020
LAB NUMBER: 2607008
SAMPLE ID: SOIL CONDITIONER

SAMPLE MATRIX: COMPOST
DATE SAMPLED: 2020-09-14
DATE RECEIVED: 2020-09-16
DATE REPORTED: 2020-09-28
DATE PRINTED: 2020-09-28

PARAMETER	RESULT	UNIT	DETECTION LIMIT	METHOD REFERENCE
E. coli	6	MPN/g dry	3	TMECC 07.01
Salmonella spp.	NEGATIVE	P-A/25.0g(ml)	1 CFU	MFLP-75 *
Fecal Coliform	17	MPN/g dry	3	TMECC 07.01
Total Potassium (as K2O)	2.64	%	0.05	ICP
Total sharps > 2.8 mm*	BDL	pieces/500ml		TMECC 03.08
Total sharps > 12.5 mm	BDL	pieces/500ml		TMECC 03.08
Total FM > 2.8 mm*	BDL	%	0.01	TMECC 03.08
Total FM > 25 mm	BDL	pieces/500ml		TMECC 03.08
Total plastics > 2.8 mm*	BDL	%	0.01	TMECC 03.08
Total Phosphorus (as P2O5)	3.09	%	0.05	ICP
Total Organic Matter @ 550 deg C	74.83	%	0.10	LOI@550C
Moisture	44.42	%	0.10	TMECC.03.09-A
Sieve 2 Inch (% Passing)	100.00	%	0.10	ASTMD422
Sieve 1 Inch (% Passing)	100.00	%	0.10	ASTMD422
Sieve 1/2 Inch (% Passing)	100.00	%	0.10	ASTMD422
Sieve 3/8 Inch (% Passing)	100.00	%	0.01	ASTMD422
Sieve 1/4 Inch (% Passing)	97.30	%	0.10	ASTMD422
Compost Stability Index	8	---		TMECC.05.08-B
Respiration-mgCO2-C/g OM/day	0.10	mgCO2-C/ gOM/day	0.01	TMECC.05.08-B
Respiration - mgCO2-C/g TS/day	0.10	mgCO2-C/gTS/ day	0.01	TMECC.05.08-B

Comment:

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PO#: TCP 2020
LAB NUMBER: 2607008
SAMPLE ID: SOIL CONDITIONER

SAMPLE MATRIX: COMPOST
DATE SAMPLED: 2020-09-14
DATE RECEIVED: 2020-09-16
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PARAMETER	RESULT	UNIT	DETECTION LIMIT	METHOD REFERENCE
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Maturity Index: 8 - Inactive, highly matured compost, very well aged, possibly over-aged, like soil; no limitations for usage.

- 1. FM (Foreign matter) = glass, metal, plastic
- 2. Sharps = foreign matter pieces of a size or shape that can cause human or animal injury
- 3. 8 mesh screen = 2.36mm
- 4. *2.8mm screen is used since 3.0mm screen does not exist

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Haifeng Song, Ph.D., C.Chem. Lab Director

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Report Number: C20260-10376
 Account Number: 95000

A & L Canada Laboratories Inc.

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 Telephone: (519) 457-2575 Fax: (519) 457-2664



C20260-10376



To: TRANSFORM COMPOST PRODUCTS
 3911 MT LEHMAN RD
 ABBOTSFORD, BC V2T 5W5

For: SOILCONDITIONER

P.O. Number: TCP2020

Reported Date:
 Printed Date: Sep 28, 2020

COMPOST REPORT

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Sample Number	Lab Number	pH	Lime Index	Available Organic Matter %	Phosphorus P ppm	Potassium K ppm	Magnesium Mg ppm	Calcium Ca ppm
SOILCONDITIONER	55726	7.6	6.9	62.2	2742	6304	1394	3171

Sulfur S ppm	Zinc Zn ppm	Manganese Mn ppm	Iron Fe ppm	Copper Cu ppm	Boron B ppm	Sodium Na ppm	Nitrate-N NO3-N ppm	Soluble Salt ms/cm	Nitrogen (Total) (%)	Chloride ppm
771	79.8	78	60	12.6	4.1	865	1158	5.9	2.71	7580

INTERPRETATION

CEC		Percent Base Saturation				Proportional Equivalents (meq)				Cation Ratio		C/N Ratio
meq/100g	% BS	% K	% Mg	% Ca	% Na	K	Mg	Ca	Na	Mg/K	Ca/Mg	
47.2	100.0	34.21	24.27	33.56	7.96	16.16	11.46	15.86	3.76	1:1	1:1	15:1
Optimum Range:		3 - 5	8 - 20	60 - 80		0.5 - 1.3				7:1	5:1	

CQA

* Results reported on a dry weight basis.

The results of this report relate to the sample submitted and analyzed.

* Crop yield is influenced by a number of factors in addition to soil fertility.

No guarantee or warranty concerning crop performance is made by A & L.

Results Authorized By:

Ian McLachlin, Vice President

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DATE RECEIVED: 2020-09-16

DATE REPORTED: 2020-09-28

PAGE: 1 / 1

P.O. NUMBER: TCP2020

LAB NO.	SAMPLE ID	ANALYSIS	RESULT	UNIT	METHOD
55726	SOILCONDITIONER	Nitrogen (Total)	2.7	%	TMECC.04.02-D



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