

REPORT NO.
C21181-70002

ACCOUNT NUMBER
02653

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 V2T5W5
CANADA
Canada

FOR: SOIL CONDITIONER

ATTN: JOHN PAUL

Phone: 605-856-2722



CERTIFICATE OF ANALYSIS

PAGE: 1 / 3

PROJECT NO:
PO#: TCP 2021
LAB NUMBER: 1817003
SAMPLE ID: SOIL CONDITIONER

SAMPLE MATRIX: COMPOST
DATE SAMPLED: 2021-06-29
DATE RECEIVED: 2021-06-30
DATE REPORTED: 2021-07-08
DATE PRINTED: 2021-07-09

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	BDL	ug/g	1.00	TMECC 4.06; EPA 3050/6010(mod)*
Chromium	2.63	ug/g	1.00	TMECC.04.06; EPA 3050/6010(mod)*
Copper	265.50	ug/g	1.00	TMECC 4.06; EPA 3050/6010(mod)*
Mercury	BDL	ug/g	0.10	EPA 7471 *
Molybdenum	2.7	ug/g	1.0	TMECC.04.06; EPA 3050/6010(mod)*
Nickel	5.90	ug/g	1.00	TMECC 4.06; EPA 3050/6010(mod)*
Lead	BDL	ug/g	1.00	EPA 3050B/6010B(mod) *
Selenium	BDL	ug/g	1.00	EPA 3050/6010 (mod) *
Zinc	456.30	ug/g	1.00	TMECC 4.06; 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.



C21181-70002

Results Authorized By:

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

A&L Canada Laboratories Inc. is accredited by the Standards Council of Canada for specific tests as listed on www.scc.ca and by the Canadian Association for Laboratory Accreditation as listed on www.cala.ca

Additional information available upon request

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PARAMETER	RESULT	UNIT	DETECTION LIMIT	METHOD REFERENCE
Nitrogen (Total)	1.01	%	0.10	Combustion
E. coli	<3	MPN/g dry	3	TMECC 07.01
Salmonella spp.	NEGATIVE	P-A/25.0g(ml)	1 CFU	MFLP-75 *
Fecal Coliform	<3	MPN/g dry	3	TMECC 07.01
Total Potassium (as K2O)	3.08	%	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)	4.00	%	0.05	ICP
Total Organic Matter @ 550 deg C	83.46	%	0.10	LOI@550C
Moisture	34.47	%	0.10	TMECC.03.09-A
Conductivity (@ 25 deg C)	11.25	ms/cm	0.02	TMECC.04.10
Sieve 2 Inch (% Passing)	100.00	%	0.10	ASTMD422
Sieve 1 Inch (% Passing)	100.00	%	0.10	ASTMD422
Sieve 1/2 Inch (% Passing)	99.90	%	0.10	ASTMD422
Sieve 3/8 Inch (% Passing)	99.80	%	0.01	ASTMD422
Sieve 1/4 Inch (% Passing)	95.20	%	0.10	ASTMD422
Compost Stability Index	8	---		TMECC.05.08-B
Respiration-mgCO2-C/g OM/day	0.30	mgCO2-C/ gOM/day	0.01	TMECC.05.08-B
Respiration - mgCO2-C/g TS/day	0.30	mgCO2-C/gTS/ day	0.01	TMECC.05.08-B

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PAGE: 3 / 3

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SAMPLE ID: SOIL CONDITIONER

SAMPLE MATRIX: COMPOST
DATE SAMPLED: 2021-06-29
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DATE REPORTED: 2021-07-08
DATE PRINTED: 2021-07-09

PARAMETER	RESULT	UNIT	DETECTION LIMIT	METHOD REFERENCE
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Comment:

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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Results Authorized By: _____

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

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Report Number: C21183-10099
 Account Number: 02653

A & L Canada Laboratories Inc.

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



C21183-10099



To: TRANSFORM COMPOST PRODUCTS
 3911 MT LEHMAN RD
 ABBOTSFORD, BC V2T5W5

For: SOILCONDITIONERPLUS

P.O. Number: TCP2021

Reported Date:
 Printed Date: Jul 9, 2021

COMPOST REPORT

Page: 1 / 1

Sample Number	Lab Number	pH	Lime Index	Available Organic Matter %	Phosphorus P ppm	Potassium K ppm	Magnesium Mg ppm	Calcium Ca ppm
SOILCONDITIONE	25926	7.3	6.5	72.3	3309	7327	1639	2743

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
1080	91.5	122	47	6.6	3.8	1144	62	7.3	2.59	8120

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	
51.4	99.2	36.58	26.25	26.71	9.69	18.79	13.48	13.72	4.97	1:1	1:1	19:1
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.

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Results Authorized By:

Ian McLachlin, Vice President

A & L Canada Laboratories Inc.

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REPORT NUMBER: C21183-10099
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REPORT OF ANALYSIS

TO: TRANSFORM COMPOST PRODUCTS
3911 MT LEHMAN RD
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CANADA

RE: SOILCONDITIONERPLUS

DATE RECEIVED: 2021-07-02
DATE REPORTED: 2021-07-09
PAGE: 1 / 1
P.O. NUMBER: TCP2021

LAB NO.	SAMPLE ID	ANALYSIS	RESULT	UNIT	METHOD
25926	SOILCONDITIONERF	Nitrogen (Total)	2.6	%	TMECC.04.02-D



C21183-10099

Results Authorized By: