

Report Number: C15065-60000
Account Number: 95000

A & L Canada Laboratories Inc.

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



C15065-60000



TO: DENIS HERAUD
20386 NISSOURI RD
THORNDALE, ON NOM 2P0
CANADA
CANADA

FOR: WELL SAMPLE

Phone: 519-457-2575

PAGE: 1

PROJECT NO:
PO NO:
LAB NUMBER: 656001
SAMPLE ID: #1 (5 MICRONS)

CERTIFICATE OF ANALYSIS

SAMPLE MATRIX: WATER
DATE SAMPLED: NONE GIVEN
DATE RECEIVED: 2015-03-06
DATE REPORTED: 2015-03-09
DATE PRINTED: 2015-03-13

PARAMETER	RESULT	UNIT	DETECTION LIMIT	Irrigation INTEPRETATION (POTENTIAL PROBLEMS)		
				NONE	INCREASING	SEVERE
Total Alkalinity	168.5	ug/ml	10.0			
Bicarbonate	168.5	ug/ml	10.0	< 40	40 - 180	> 180
Carbonate	BDL*	ug/ml	10.00			
Nitrate-N	BDL*	ug/ml	1.00	< 5.0	5.0 - 30	> 30
Aluminum	BDL*	ug/ml	0.10	< 5.0	> 5.0	----
Boron	0.10	ug/ml	0.02	< 0.5	0.5 - 2.0	> 2.0
Calcium	22.30	ug/ml	0.10	----	----	----
Chloride	1.89	ug/ml	1.00	< 70	70 - 300	> 300
Copper	BDL*	ug/ml	0.02	< 2.0	> 2.0	----
Iron	0.27	ug/ml	0.10	< 5.0	> 5.0	----
Magnesium	13.07	ug/ml	0.10	----	----	----
Manganese	BDL*	ug/ml	0.02	< 2.0	> 2.0	----

Method ID: Greenhouse / Irrigation
BDL Result: Below Detection Limits (None Detected)
The results of this report are for agricultural use only.
They are not to be used for determining drinking suitability

Results Authorized By:

Sanja Hadzic, Environmental
Supervisor

* - accredited test

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

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PARAMETER	RESULT	UNIT	DETECTION LIMIT	Irrigation INTEPRETATION (POTENTIAL PROBLEMS)		
				NONE	INCREASING	SEVERE
Phosphorus	BDL*	ug/ml	0.10	----	----	----
Potassium	3.17	ug/ml	0.10	----	----	----
Sodium	41.47	ug/ml	0.10	< 70	70 - 180	> 180
Sulphur (as SO4)	22.02	ug/ml	0.10	----	----	----
Zinc	BDL*	ug/ml	0.02	< 2.0	> 2.0	----
Conductivity (@ 25 deg C)	0.34	ms/cm	0.02	< 0.75	0.75 - 3.0	> 3.0
pH	8.1		0.1	5.5 - 7.5	< 5.5 or > 7.5	< 4.5 or > 8.5
pHc	7.74		0.01			
Total Dissolved Solids	220.4	ug/ml	10.0	< 480	480 - 1920	> 1920
SAR	1.72	---	0.01	< 3.0	3.0 - 6.0	> 6.0
Adjusted SAR	1.43		0.01			
Hardness	109.34	ug/ml	1.00	----	----	----

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PARAMETER	RESULT	UNIT	DETECTION LIMIT	Irrigation INTEPRETATION (POTENTIAL PROBLEMS)		
				NONE	INCREASING	SEVERE
Saturation Index	0.34		0.01			
Sulphur	7.34	ug/ml	0.10	----	----	----
Residual Sodium Carbonate	0.57		---			

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PROJECT NO:
PO NO:
LAB NUMBER: 656002
SAMPLE ID: #2 (UNFILTERED)

CERTIFICATE OF ANALYSIS

SAMPLE MATRIX: WATER
DATE SAMPLED: NONE GIVEN
DATE RECEIVED: 2015-03-06
DATE REPORTED: 2015-03-09
DATE PRINTED: 2015-03-13

PARAMETER	RESULT	UNIT	DETECTION LIMIT	Irrigation INTEPRETATION (POTENTIAL PROBLEMS)		
				NONE	INCREASING	SEVERE
Total Alkalinity	168.9	ug/ml	10.0			
Bicarbonate	168.9	ug/ml	10.0	< 40	40 - 180	> 180
Carbonate	BDL*	ug/ml	10.00			
Nitrate-N	BDL*	ug/ml	1.00	< 5.0	5.0 - 30	> 30
Aluminum	BDL*	ug/ml	0.10	< 5.0	> 5.0	----
Boron	0.10	ug/ml	0.02	< 0.5	0.5 - 2.0	> 2.0
Calcium	22.47	ug/ml	0.10	----	----	----
Chloride	1.98	ug/ml	1.00	< 70	70 - 300	> 300
Copper	BDL*	ug/ml	0.02	< 2.0	> 2.0	----
Iron	0.40	ug/ml	0.10	< 5.0	> 5.0	----
Magnesium	13.96	ug/ml	0.10	----	----	----
Manganese	BDL*	ug/ml	0.02	< 2.0	> 2.0	----

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				NONE	INCREASING	SEVERE
Phosphorus	BDL*	ug/ml	0.10	----	----	----
Potassium	2.76	ug/ml	0.10	----	----	----
Sodium	41.60	ug/ml	0.10	< 70	70 - 180	> 180
Sulphur (as SO4)	21.75	ug/ml	0.10	----	----	----
Zinc	BDL*	ug/ml	0.02	< 2.0	> 2.0	----
Conductivity (@ 25 deg C)	0.34	ms/cm	0.02	< 0.75	0.75 - 3.0	> 3.0
pH	8.1		0.1	5.5 - 7.5	< 5.5 or > 7.5	< 4.5 or > 8.5
pHc	7.72		0.01			
Total Dissolved Solids	220.9	ug/ml	10.0	< 480	480 - 1920	> 1920
SAR	1.69	---	0.01	< 3.0	3.0 - 6.0	> 6.0
Adjusted SAR	1.42		0.01			
Hardness	113.41	ug/ml	1.00	----	----	----

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PARAMETER	RESULT	UNIT	DETECTION LIMIT	Irrigation INTEPRETATION (POTENTIAL PROBLEMS)		
				NONE	INCREASING	SEVERE
Saturation Index	0.39		0.01			
Sulphur	7.20	ug/ml	0.10	----	----	----
Residual Sodium Carbonate	0.50		---			

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