

REPORT NO.  
C17126-9000  
ACCOUNT NUMBER  
93999

# A & L Canada Laboratories Inc.

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TO:

FOR:

ATTN:

Phone:  
Fax:

PO NO:

SAMPLE MATRIX: WATER

DATE SAMPLED: NONE GIVEN

DATE RECEIVED: 05/06/2011

DATE REPORTED: 07/08/2011 PAGE: 1

LAB NUMBER: 126606

SAMPLE ID: 6TH CONC.

## CERTIFICATE OF ANALYSIS

PARAMETER	RESULT	UNITS	Detection Limit	Irrigation INTEPRETATION (POTENTIAL PROBLEMS)		
				NONE	INCREASING	SEVERE
Bicarbonate	89.4	ug/ml	10.0	< 40	40 - 180	> 180
Carbonate	BDL*	ug/ml	10.00			
Nitrate-N	17.00	ug/ml	1.00	< 5.0	5.0 - 30	> 30
Aluminum	0.58	ug/ml	0.10	< 5.0	> 5.0	----
Boron	0.06	ug/ml	0.02	< 0.5	0.5 - 2.0	> 2.0
Calcium	49.78	ug/ml	0.10	----	----	----
Copper	BDL*	ug/ml	0.02	< 2.0	> 2.0	----
Iron	0.21	ug/ml	0.10	< 5.0	> 5.0	----
Magnesium	14.04	ug/ml	0.10	----	----	----
Manganese	BDL*	ug/ml	0.02	< 2.0	>2.0	----
Phosphorus	0.54	ug/ml	0.10	----	----	----
Potassium	6.65	ug/ml	0.10	----	----	----
Sodium	6.30	ug/ml	0.10	< 70	70 - 180	> 180
Sulphur (as SO4)	60.99	ug/ml	0.10	----	----	----
Sulphur	20.33	ug/ml	0.10	----	----	----
Zinc	BDL*	ug/ml	0.02	< 2.0	> 2.0	----
Conductivity (@ 25 deg C)	0.36	ms/cm	0.02	< 0.75	0.75 - 3.0	> 3.0
pHc	7.75		0.00			
Total Dissolved Solids	236.0	ug/ml	10.0	< 480	480 - 1920	> 1920
Chloride	15.90	ug/ml	1.00	< 70	70 - 300	> 300
pH	7.90	---	---	5.5 - 7.5	< 5.5 or > 7.5	< 4.5 or > 8.5
Adjusted SAR	0.19		0.00			
Hardness	182.0	ug/ml	1.0	----	----	----
Residual Sodium Carbonate	-2.17		0.00			
Saturation Index	0.15		0.00			
SAR	0.20	---	---	< 3.0	3.0 - 6.0	> 6.0

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

Method ID: Greenhouse / Irrigation

Results Authorized By: James Beswick, Laboratory Supervisor

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