



CERTIFICATE OF ANALYSIS

Client: Mike Lavallee
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Work Order Number: 313453
PO #: 706LW1736503
Regulation: O.Reg. 243/07
Project #:
DWS #: 500045618
Sampled By: Mike Lavallee

Date Order Received: 8/14/2017
Arrival Temperature: 11 °C

Analysis Started: 8/21/2017
Analysis Completed: 8/22/2017

WORK ORDER SUMMARY

ANALYSES WERE PERFORMED ON THE FOLLOWING SAMPLES. THE RESULTS RELATE ONLY TO THE ITEMS TESTED.

Sample Description	Lab ID	Matrix	Type	Comments	Date Collected	Time Collected
136-B/F-001 (S)	904969	Water	Plumbing		8/12/2017	10:45 AM
136-B/F-001 (F)	904970	Water	Plumbing		8/12/2017	11:20 AM
136-F-002 (S)	904971	Water	Plumbing		8/12/2017	10:50 AM
136-F-002 (F)	904972	Water	Plumbing		8/12/2017	11:25 AM
136-T-001 (S)	904973	Water	Plumbing		8/12/2017	10:52 AM
136-T-001 (F)	904974	Water	Plumbing		8/12/2017	11:27 AM
136-T-002 (S)	904975	Water	Plumbing		8/12/2017	10:53 AM
136-T-002 (F)	904976	Water	Plumbing		8/12/2017	11:28 AM
136-T-003 (S)	904977	Water	Plumbing		8/12/2017	10:55 AM
136-T-003 (F)	904978	Water	Plumbing		8/12/2017	11:30 AM

METHODS AND INSTRUMENTATION

THE FOLLOWING METHODS WERE USED FOR YOUR SAMPLE(S):

Method	Lab	Description	Reference
ICPMS Reg. Water (R13.1)	Garson	Determination of Metals in Water by ICP/MS	Based on SW846-6020A

REPORT COMMENTS

Standing in excess of 6 hrs



TESTMARK Laboratories Ltd.

Committed to Quality and Service

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This report has been approved by:

Khaled Omari, Ph.D.
Laboratory Director



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WORK ORDER RESULTS

Sample Description	136 - B/F - 001 (S)		136 - B/F - 001 (F)		136 - F - 002 (S)		136 - F - 002 (F)		Units	Criteria: O.Reg. 243/07
Lab ID	904969		904970		904971		904972			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL		
Lead	<0.1 [<0.1]	0.1	<0.1	0.1	1.04	0.1	0.61	0.1	ug/L	10

Sample Description	136 - T - 001 (S)		136 - T - 001 (F)		136 - T - 002 (S)		136 - T - 002 (F)		Units	Criteria: O.Reg. 243/07
Lab ID	904973		904974		904975		904976			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL		
Lead	0.24	0.1	0.24	0.1	0.71	0.1	0.3	0.1	ug/L	10

Sample Description	136 - T - 003 (S)		136 - T - 003 (F)		Units	Criteria: O.Reg. 243/07
Lab ID	904977		904978			
Metals	Result	MDL	Result	MDL		
Lead	0.56	0.1	0.22	0.1	ug/L	10

LEGEND

Dates: Dates are formatted as mm/dd/year throughout this report.

MDL: Method detection limit or minimum reporting limit.

[]: Results for laboratory replicates are shown in square brackets immediately below the associated sample result for ease of comparison.

Quality Control: All associated Quality Control data is available on request.

LCL: Lower Control Limit.

UCL: Upper Control Limit.

QAQCID: This is a unique reference to the quality control data set used to generate the reported value. Contact our lab for this information, as it is traceable through our LIMS.



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QUALITY CONTROL DATA

THIS SECTION REPORTS QC RESULTS ASSOCIATED WITH THE TEST BATCH; THESE ARE NOT YOUR SAMPLE RESULTS.
QAQC details include only values where sufficient sample data allowed measurement.

Metals							
Method Blank							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	1	ug/L	0	<1	1	20170821.R13-5o	
Positive Control							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	%	80	93.1	120	20170821.R13-5o	
Reference Sample							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	% Rec	80	97	120	20170821.R13-5o	
Sample Spike							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	% Rec	70	91.7	130	20170821.R13-5o	

THIS INDEX SHOWS HOW YOUR SAMPLES ARE ASSOCIATED TO THE CONTROLS INCLUDED IN THE IDENTIFIED BATCHES.

Sample Description	Lab ID	Method	QAQCID	Prep QAQCID
136 - B/F - 001 (F)	904970	ICPMS Reg. Water (R13.1)	20170821.R13-5o	20170821.R52H
136 - B/F - 001 (S)	904969	ICPMS Reg. Water (R13.1)	20170821.R13-5o	20170821.R52H
136 - B/F - 001 (S)	904969r	ICPMS Reg. Water (R13.1)	20170821.R13-5o	20170821.R52H
136 - F - 002 (F)	904972	ICPMS Reg. Water (R13.1)	20170821.R13-5o	20170821.R52H
136 - F - 002 (S)	904971	ICPMS Reg. Water (R13.1)	20170821.R13-5o	20170821.R52H
136 - T - 001 (F)	904974	ICPMS Reg. Water (R13.1)	20170821.R13-5o	20170821.R52H
136 - T - 001 (S)	904973	ICPMS Reg. Water (R13.1)	20170821.R13-5o	20170821.R52H
136 - T - 002 (F)	904976	ICPMS Reg. Water (R13.1)	20170821.R13-5o	20170821.R52H
136 - T - 002 (S)	904975	ICPMS Reg. Water (R13.1)	20170821.R13-5o	20170821.R52H
136 - T - 003 (F)	904978	ICPMS Reg. Water (R13.1)	20170821.R13-5o	20170821.R52H
136 - T - 003 (S)	904977	ICPMS Reg. Water (R13.1)	20170821.R13-5o	20170821.R52H