



## CERTIFICATE OF ANALYSIS

Client: Mike Lavallee  
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Work Order Number: 308715  
PO #:   
Regulation: O.Reg. 243/07  
Project #:   
DWS #: 500141350  
Sampled By: Louise Desjardins

Date Order Received: 6/16/2017  
Arrival Temperature: 20 °C

Analysis Started: 6/22/2017  
Analysis Completed: 6/23/2017

### 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
T Library (Standing)	887824	Water	Plumbing		6/16/2017	6:30 AM
T Library (Flushed)	887825	Water	Plumbing		6/16/2017	7:05 AM
F 7+8 Upper Bottle Stand	887826	Water	Plumbing		6/16/2017	6:50 AM
F 7+8 Upper Bottle Flushed	887827	Water	Plumbing		6/16/2017	7:25 AM
F 224(A) Stand	887828	Water	Plumbing		6/16/2017	6:40 AM
F 224(A) Flushed	887829	Water	Plumbing		6/16/2017	7:15 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

This report has been approved by:

Khaled Omari, Ph.D.  
Laboratory Director



**TESTMARK Laboratories Ltd.**

*Committed to Quality and Service*

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### WORK ORDER RESULTS

Sample Description	T Library (Standing)		T Library (Flushed)		F 7+8 Upper Bottle Stand		F 7+8 Upper Bottle Flushed		Units	Criteria: O.Reg. 243/07
Lab ID	887824		887825		887826		887827			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL		
Lead	6.19	0.1	3.58	0.1	<0.1	0.1	<0.1	0.1	ug/L	10

Sample Description	F 224(A) Stand		F 224(A) Flushed		Units	Criteria: O.Reg. 243/07
Lab ID	887828		887829			
Metals	Result	MDL	Result	MDL		
Lead	2.88	0.1	1.05	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.

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.

<b>Metals</b>							
<b>Method Blank</b>							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	1	ug/L	0	<1	1	20170622.R13-5o	
<b>Positive Control</b>							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	%	80	97	120	20170622.R13-5o	
<b>Reference Sample</b>							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	% Rec	80	106	120	20170622.R13-5o	
<b>Sample Spike</b>							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	% Rec	70	96.8	130	20170622.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
F 224(A) Flushed	887829	ICPMS Reg. Water (R13.1)	20170622.R13-5o	20170622.R52P
F 224(A) Stand	887828	ICPMS Reg. Water (R13.1)	20170622.R13-5o	20170622.R52P
F 7+8 Upper Bottle Flushed	887827	ICPMS Reg. Water (R13.1)	20170622.R13-5o	20170622.R52P
F 7+8 Upper Bottle Stand	887826	ICPMS Reg. Water (R13.1)	20170622.R13-5o	20170622.R52P
T Library (Flushed)	887825	ICPMS Reg. Water (R13.1)	20170622.R13-5o	20170622.R52P
T Library (Standing)	887824	ICPMS Reg. Water (R13.1)	20170622.R13-5o	20170622.R52P