



## CERTIFICATE OF ANALYSIS

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Work Order Number: 312718  
PO #: 706LW1736503  
Regulation: O.Reg. 243/07  
Project #:  
DWS #: 500046034  
Sampled By: Mike Lavallee

Date Order Received: 8/2/2017  
Arrival Temperature: 23 °C

Analysis Started: 8/10/2017  
Analysis Completed: 8/11/2017

### 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
142-B/F-001 (S)	902127	Water	Plumbing		8/2/2017	9:00 AM
142-B/F-001 (F)	902128	Water	Plumbing		8/2/2017	9:35 AM
142-S-001 (S)	902129	Water	Plumbing		8/2/2017	9:05 AM
142-S-001 (F)	902130	Water	Plumbing		8/2/2017	9:40 AM
142-S-002 (S)	902131	Water	Plumbing	SAMPLE CONTAINED RESULT EXCEEDENCES.	8/2/2017	9:15 AM
142-S-002 (F)	902132	Water	Plumbing		8/2/2017	9:50 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

Lead exceedance reported for sample 902131 HC 08/11/17



**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	142 - B/F - 001 (S)		142 - B/F - 001 (F)		142 - S - 001 (S)		142 - S - 001 (F)			
Lab ID	902127		902128		902129		902130			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	<0.1	0.1	<0.1	0.1	0.78	0.1	0.17	0.1	ug/L	10

  

Sample Description	142 - S - 002 (S)		142 - S - 002 (F)			
Lab ID	902131		902132			
Metals	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	21.2	0.1	7.1	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>%RPD</b>							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	%	0	0.6	20	20170810.R13-6o0	
<b>Method Blank</b>							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	1	ug/L	0	<1	1	20170810.R13-6o0	
<b>Positive Control</b>							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	%	80	95.4	120	20170810.R13-6o0	
<b>Reference Sample</b>							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	% Rec	80	98	120	20170810.R13-6o0	
<b>Sample Spike</b>							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	% Rec	70	92	130	20170810.R13-6o0	

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

Sample Description	Lab ID	Method	QAQCID	Prep QAQCID
142 - B/F - 001 (F)	902128	ICPMS Reg. Water (R13.1)	20170810.R13-6o0	20170810.R52D
142 - B/F - 001 (S)	902127	ICPMS Reg. Water (R13.1)	20170810.R13-6o0	20170810.R52D
142 - S - 001 (F)	902130	ICPMS Reg. Water (R13.1)	20170810.R13-6o0	20170810.R52D
142 - S - 001 (S)	902129	ICPMS Reg. Water (R13.1)	20170810.R13-6o0	20170810.R52D
142 - S - 002 (F)	902132	ICPMS Reg. Water (R13.1)	20170810.R13-6o0	20170810.R52D
142 - S - 002 (S)	902131	ICPMS Reg. Water (R13.1)	20170810.R13-6o0	20170810.R52D