



CERTIFICATE OF ANALYSIS

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Work Order Number: 312596
PO #: 706LW1736503
Regulation: O.Reg. 243/07
Project #:
DWS #: 500039131
Sampled By: Mike Lavallee

Date Order Received: 8/1/2017
Arrival Temperature: 12 °C

Analysis Started: 8/9/2017
Analysis Completed: 8/10/2017

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
101-S-002 (S)	901756	Water	Plumbing	SAMPLE CONTAINED RESULT EXCEEDENCES.	7/31/2017	6:00 AM
101-S-002 (F)	901757	Water	Plumbing	SAMPLE CONTAINED RESULT EXCEEDENCES.	7/31/2017	6:35 AM
101-S-003 (S)	901758	Water	Plumbing		7/31/2017	6:05 AM
101-S-003 (F)	901759	Water	Plumbing		7/31/2017	6:40 AM
101-S-004 (S)	901760	Water	Plumbing		7/31/2017	6:10 AM
101-S-004 (F)	901761	Water	Plumbing		7/31/2017	6:45 AM
101-S-005 (S)	901762	Water	Plumbing		7/31/2017	6:15 AM
101-S-005 (F)	901763	Water	Plumbing		7/31/2017	6:50 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 samples 901756 & 901757 HC 08/10/17
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	101 - S - 002 (S)		101 - S - 002 (F)		101 - S - 003 (S)		101 - S - 003 (F)			
Lab ID	901756		901757		901758		901759			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	14.1	0.1	12.8	0.1	4.15	0.1	2.27	0.1	ug/L	10

Sample Description	101 - S - 004 (S)		101 - S - 004 (F)		101 - S - 005 (S)		101 - S - 005 (F)			
Lab ID	901760		901761		901762		901763			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.63	0.1	0.65	0.1	0.98	0.1	0.52	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.

Metals						
%RPD						
Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	0	2.9	20	20170810.R13-9r1
Method Blank						
Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	0	<1	1	20170810.R13-9r1
Positive Control						
Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	94.3	120	20170810.R13-9r1
Reference Sample						
Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	80	97.6	120	20170810.R13-9r1
Sample Spike						
Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	87.3	130	20170810.R13-9r1

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

Sample Description	Lab ID	Method	QAQCID	Prep QAQCID
101 - S - 002 (F)	901757	ICPMS Reg. Water (R13.1)	20170810.R13-9r1	20170809.R52K
101 - S - 002 (S)	901756	ICPMS Reg. Water (R13.1)	20170810.R13-9r1	20170809.R52K
101 - S - 003 (F)	901759	ICPMS Reg. Water (R13.1)	20170810.R13-9r1	20170809.R52K
101 - S - 003 (S)	901758	ICPMS Reg. Water (R13.1)	20170810.R13-9r1	20170809.R52K
101 - S - 004 (F)	901761	ICPMS Reg. Water (R13.1)	20170810.R13-9r1	20170809.R52K
101 - S - 004 (S)	901760	ICPMS Reg. Water (R13.1)	20170810.R13-9r1	20170809.R52K
101 - S - 005 (F)	901763	ICPMS Reg. Water (R13.1)	20170810.R13-9r1	20170809.R52K
101 - S - 005 (S)	901762	ICPMS Reg. Water (R13.1)	20170810.R13-9r1	20170809.R52K