



TESTMARK Laboratories Ltd.

Committed to Quality and Service

CERTIFICATE OF ANALYSIS

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Work Order Number: 314635
PO #: 706LW1736503
Regulation: O.Reg. 243/07
Project #:
DWS #: 500046086
Sampled By: Jason C

Date Order Received: 8/25/2017
Arrival Temperature: 20 °C

Analysis Started: 8/31/2017
Analysis Completed: 9/6/2017

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
163-T002-(S)	908689	Water	Plumbing		8/25/2017	8:00 AM
163-T002-(F)	908690	Water	Plumbing		8/25/2017	8:35 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

This report has been approved by:

Khaled Omari, Ph.D.
Laboratory Director



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WORK ORDER RESULTS

Sample Description	163 - T002 - (S)		163 - T002 - (F)			
Lab ID	908689		908690			
Metals	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	5.79 [5.82]	0.1	3.3	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							
%RPD							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	%	0	0.5	20	20170906.R13-6r2	
Method Blank							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	1	ug/L	0	<1	1	20170906.R13-6r2	
Positive Control							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	%	80	85.4	120	20170906.R13-6r2	
Reference Sample							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	% Rec	80	84.7	120	20170906.R13-6r2	
Sample Spike							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	% Rec	70	81	130	20170906.R13-6r2	

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

Sample Description	Lab ID	Method	QAQCID	Prep QAQCID
163 - T002 - (F)	908690	ICPMS Reg. Water (R13.1)	20170906.R13-6r2	20170831.R52J
163 - T002 - (S)	908689	ICPMS Reg. Water (R13.1)	20170906.R13-6r2	20170831.R52J
163 - T002 - (S)	908689r	ICPMS Reg. Water (R13.1)	20170906.R13-6r2	20170831.R52J