



CERTIFICATE OF ANALYSIS

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Work Order Number: 310652
PO #:
Regulation: O.Reg. 243/07
Project #:
DWS #: 500045644
Sampled By: Steve M

Date Order Received: 7/10/2017
Arrival Temperature: 20 °C

Analysis Started: 7/17/2017
Analysis Completed: 7/18/2017

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
Retest 9 (Standing)	894820	Water	Plumbing		7/10/2017	7:00 AM
Retest 9 (Flushed)	894821	Water	Plumbing		7/10/2017	7:35 AM

METHODS AND INSTRUMENTATION

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

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

REPORT COMMENTS

Estimated Standing Time 12 HRS

This report has been approved by:

Khaled Omari, Ph.D.
Laboratory Director



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WORK ORDER RESULTS

Sample Description	Retest 9 (Standing)		Retest 9 (Flushed)			
Lab ID	894820		894821			
Metals	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	<0.1 [<0.1]	0.1	<0.1	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.

[]: 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	20170717.R13-2o	
Positive Control							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	%	80	102	120	20170717.R13-2o	
Reference Sample							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	% Rec	80	107	120	20170717.R13-2o	
Sample Spike							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	% Rec	70	101	130	20170717.R13-2o	

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

Sample Description	Lab ID	Method	QAQCID	Prep QAQCID
Retest 9 (Flushed)	894821	ICPMS Reg. Water	20170717.R13-2o	20170717.R52N
Retest 9 (Standing)	894820	ICPMS Reg. Water	20170717.R13-2o	20170717.R52N
Retest 9 (Standing)	894820r	ICPMS Reg. Water	20170717.R13-2o	20170717.R52N