



CERTIFICATE OF ANALYSIS

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Work Order Number: 442602
PO #:
Regulation: O.Reg. 243/07
Project #:
DWS #: 500039196
Sampled By: Jonas French

Date Order Received: 9/15/2021
Arrival Temperature: 11.5 °C

Analysis Started: 9/24/2021
Analysis Completed: 9/24/2021

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
Standing-BF 2 by Room 8	1683852	Water	Plumbing		9/15/2021	6:30 AM
Flushed-BF 2 by Room 8	1683853	Water	Plumbing		9/15/2021	7:05 AM
Standing-S4 Room 11	1683854	Water	Plumbing		9/15/2021	6:35 AM
Flushed S4 Room 11	1683855	Water	Plumbing		9/15/2021	7:10 AM

METHODS AND INSTRUMENTATION

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

Method	Lab	Description	Reference
ICPMS Reg. Water (A13)	Garson	Determination of Metals in Water by ICP/MS	Modified from SW846-6020A



TESTMARK Laboratories Ltd.

Committed to Quality and Service

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This report has been approved by:

Mahesh Patel, B.Sc.
Laboratory Director



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WORK ORDER RESULTS

Sample Description	Standing - BF 2 by Room 8		Flushed - BF 2 by Room 8		Standing - S4 Room 11		Flushed S4 Room 11			
Sample Date	9/15/2021 6:30 AM		9/15/2021 7:05 AM		9/15/2021 6:35 AM		9/15/2021 7:10 AM			
Lab ID	1683852		1683853		1683854		1683855			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	<0.1	0.1	<0.1	0.1	4.0	0.1	2.5	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.

Field Data: Reports containing Field Parameters represent data that has been collected and provided by the client. Testmark is not responsible for the validity of this data which may be used in subsequent calculations.

Sample Condition Deviations: A noted sample condition deviation may affect the validity of the result. Results apply to the sample(s) as received.

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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: LRB-6 (Blank) (6)							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	0.1	ug/L	0	<0.1	1	20210924.A13.1C	
Lead	0.1	ug/L	0	<0.1	1	20210924.A13.1D	
Positive Control: LFB-7 (N 100 µg/L) (7)							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	%	80	95.8	120	20210924.A13.1D	
Lead	N/A	%	80	96.6	120	20210924.A13.1C	
Reference Sample: CRM-12 (EP-L-3) (12)							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	1	ug/L	2.58	3.89	5.38	20210924.A13.1C	
Lead	1	ug/L	2.58	3.97	5.38	20210924.A13.1D	
Sample Spike: LFMS-9 (N 100 µg/L) (9)							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	% Rec	70	90.3	130	20210924.A13.1D	
Lead	N/A	% Rec	70	91.9	130	20210924.A13.1C	

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

Sample Description	Lab ID	Method	QAQCID	Prep QAQCID
Flushed - BF 2 by Room 8	1683853	ICPMS Reg. Water (A13)	20210924.A13.1D	20210922.A52V
Flushed S4 Room 11	1683855	ICPMS Reg. Water (A13)	20210924.A13.1C	20210922.A52U
Standing - BF 2 by Room 8	1683852	ICPMS Reg. Water (A13)	20210924.A13.1D	20210922.A52V
Standing - S4 Room 11	1683854	ICPMS Reg. Water (A13)	20210924.A13.1C	20210922.A52U