



CERTIFICATE OF ANALYSIS

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Work Order Number: 463513
PO #:
Regulation: O.Reg. 243/07
Project #:
DWS #: 500040366
Sampled By: Alain V & Diane H

Date Order Received: 5/20/2022
Arrival Temperature: 16.8 °C

Analysis Started: 5/26/2022
Analysis Completed: 5/26/2022

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- BF02 by room 106	1756176	Water	Plumbing		5/19/2022	6:30 AM
Flushed- BF02 by room 106	1756177	Water	Plumbing		5/19/2022	7:05 AM
Standing- S3 Room 115	1756178	Water	Plumbing		5/19/2022	6:30 AM
Flushed- S3 Room 115	1756179	Water	Plumbing		5/19/2022	7:05 AM
Standing- BF04 by room 117	1756180	Water	Plumbing		5/19/2022	6:35 AM
Standing- BF04 by room 117	1756181	Water	Plumbing		5/19/2022	7:10 AM
Standing- S4 room 114	1756182	Water	Plumbing		5/19/2022	6:35 AM
Flushed- S4 room 114	1756183	Water	Plumbing		5/19/2022	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 - BF02 by room 106		Flushed - BF02 by room 106		Standing - S3 Room 115		Flushed - S3 Room 115			
Sample Date	5/19/2022 6:30 AM		5/19/2022 7:05 AM		5/19/2022 6:30 AM		5/19/2022 7:05 AM			
Lab ID	1756176		1756177		1756178		1756179			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	<0.1	0.1	<0.1	0.1	1.1	0.1	1.0	0.1	ug/L	10

Sample Description	Standing - BF04 by room 117		Standing - BF04 by room 117		Standing - S4 room 114		Flushed - S4 room 114			
Sample Date	5/19/2022 6:35 AM		5/19/2022 7:10 AM		5/19/2022 6:35 AM		5/19/2022 7:10 AM			
Lab ID	1756180		1756181		1756182		1756183			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	<0.1	0.1	<0.1	0.1	0.4	0.1	0.6	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.

Reproduction of Report: Report shall not be reproduced, except in full, without the approval of Testmark Laboratories Ltd.

ICPMS Dustfall Insoluble: The ICPMS Dustfall Insoluble Portion method analyzes only the particulate matter from the Dustfall Sampler which is retained on the analysis filter during the Dustfall method.



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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	20220526.A13.1B

Positive Control: LFB-7 (N 100 µg/L) (7)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	99.3	120	20220526.A13.1B

Reference Sample: CRM-12 (EP-L-3) (12)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.58	4.02	5.38	20220526.A13.1B

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	95.7	130	20220526.A13.1B

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 - BF02 by room 106	1756177	ICPMS Reg. Water (A13)	20220526.A13.1B	20220525.A52U
Flushed - S3 Room 115	1756179	ICPMS Reg. Water (A13)	20220526.A13.1B	20220525.A52U
Flushed - S4 room 114	1756183	ICPMS Reg. Water (A13)	20220526.A13.1B	20220525.A52U
Standing - BF02 by room 106	1756176	ICPMS Reg. Water (A13)	20220526.A13.1B	20220525.A52U
Standing - BF04 by room 117	1756180	ICPMS Reg. Water (A13)	20220526.A13.1B	20220525.A52U
Standing - BF04 by room 117	1756181	ICPMS Reg. Water (A13)	20220526.A13.1B	20220525.A52U
Standing - S3 Room 115	1756178	ICPMS Reg. Water (A13)	20220526.A13.1B	20220525.A52U
Standing - S4 room 114	1756182	ICPMS Reg. Water (A13)	20220526.A13.1B	20220525.A52U