



CERTIFICATE OF ANALYSIS

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Work Order Number: 463517
PO #:
Regulation: O.Reg. 243/07
Project #:
DWS #: 500053418
Sampled By: Brandy

Date Order Received: 5/20/2022
Arrival Temperature: 20.6 °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- F3 by room 163	1756203	Water	Plumbing		5/20/2022	6:30 AM
Flushed- F3 by room 163	1756204	Water	Plumbing		5/20/2022	7:05 AM
Standing- BF5 by room 174A	1756205	Water	Plumbing		5/20/2022	6:30 AM
Flushed- BF5 by room 174A	1756206	Water	Plumbing		5/20/2022	7:05 AM
Standing- F8 by room 135	1756207	Water	Plumbing		5/20/2022	6:35 AM
Flushed- F8 by room 135	1756208	Water	Plumbing		5/20/2022	7:10 AM
Standing- S3 room 184	1756209	Water	Plumbing		5/20/2022	6:30 AM
Flushed- S3 room 184	1756210	Water	Plumbing		5/20/2022	7:05 AM
Standing- S8 room 121	1756211	Water	Plumbing		5/20/2022	6:30 AM
Flushed- S8 room 121	1756212	Water	Plumbing		5/20/2022	7:05 AM
Standing- F2 by room 163	1756213	Water	Plumbing		5/20/2022	6:35 AM
Flushed- F2 by room 163	1756214	Water	Plumbing		5/20/2022	7:10 AM

METHODS AND INSTRUMENTATION

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



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

This report has been approved by:

Mahesh Patel, B.Sc.
Laboratory Director



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WORK ORDER RESULTS

Sample Description	Standing - F3 by room 163		Flushed - F3 by room 163		Standing - BF5 by room 174A		Flushed - BF5 by room 174A			
Sample Date	5/20/2022 6:30 AM		5/20/2022 7:05 AM		5/20/2022 6:30 AM		5/20/2022 7:05 AM			
Lab ID	1756203		1756204		1756205		1756206			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	2.3	0.1	1.3	0.1	0.2	0.1	0.4	0.1	ug/L	10
Sample Description	Standing - F8 by room 135		Flushed - F8 by room 135		Standing - S3 room 184		Flushed - S3 room 184			
Sample Date	5/20/2022 6:35 AM		5/20/2022 7:10 AM		5/20/2022 6:30 AM		5/20/2022 7:05 AM			
Lab ID	1756207		1756208		1756209		1756210			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.1	0.1	<0.1 [<0.1]	0.1	<0.1	0.1	<0.1	0.1	ug/L	10
Sample Description	Standing - S8 room 121		Flushed - S8 room 121		Standing - F2 by room 163		Flushed - F2 by room 163			
Sample Date	5/20/2022 6:30 AM		5/20/2022 7:05 AM		5/20/2022 6:35 AM		5/20/2022 7:10 AM			
Lab ID	1756211		1756212		1756213		1756214			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	<0.1	0.1	<0.1	0.1	3.3	0.1	0.8	0.1	ug/L	10



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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.

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
Lead	0.1	ug/L	0	<0.1	1	20220526.A13.1C

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	99.1	120	20220526.A13.1C
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	5.38	20220526.A13.1C
Lead	1	ug/L	2.58	4.02	5.38	20220526.A13.1B

Sample Replicate: % RPD (4)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	0	0	20	20220526.A13.1C

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	100	130	20220526.A13.1C
Lead	N/A	% Rec	70	95.7	130	20220526.A13.1B



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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 - BF5 by room 174A	1756206	ICPMS Reg. Water (A13)	20220526.A13.1B	20220525.A52U
Flushed - S3 room 184	1756210	ICPMS Reg. Water (A13)	20220526.A13.1C	20220525.A52Z
Flushed - F2 by room 163	1756214	ICPMS Reg. Water (A13)	20220526.A13.1C	20220525.A52Z
Flushed - F3 by room 163	1756204	ICPMS Reg. Water (A13)	20220526.A13.1B	20220525.A52U
Flushed - F8 by room 135	1756208	ICPMS Reg. Water (A13)	20220526.A13.1B	20220525.A52U
Flushed - F8 by room 135	1756208r	ICPMS Reg. Water (A13)	20220526.A13.1B	20220525.A52U
Flushed - S8 room 121	1756212	ICPMS Reg. Water (A13)	20220526.A13.1C	20220525.A52Z
Standing - BF5 by room 174A	1756205	ICPMS Reg. Water (A13)	20220526.A13.1B	20220525.A52U
Standing - F2 by room 163	1756213	ICPMS Reg. Water (A13)	20220526.A13.1C	20220525.A52Z
Standing - F3 by room 163	1756203	ICPMS Reg. Water (A13)	20220526.A13.1B	20220525.A52U
Standing - F8 by room 135	1756207	ICPMS Reg. Water (A13)	20220526.A13.1B	20220525.A52U
Standing - S3 room 184	1756209	ICPMS Reg. Water (A13)	20220526.A13.1C	20220525.A52Z
Standing - S8 room 121	1756211	ICPMS Reg. Water (A13)	20220526.A13.1C	20220525.A52Z