

**TESTMARK Laboratories Ltd.***Committed to Quality and Service*

CERTIFICATE OF ANALYSIS

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Work Order Number: 550552
PO #:
Regulation: O.Reg. 243/07
Project #:
DWS #: 500045930
Sampled By: DEB M

Date Order Received: 9/18/2024
Arrival Temperature: 8.5 C

Analysis Started: 9/20/2024
Analysis Completed: 9/23/2024

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-S6 ROOM 014	2057196	Water	Plumbing		9/18/2024	6:30 AM
FLUSHED-S6 ROOM 014	2057197	Water	Plumbing		9/18/2024	7:05 AM
STANDING-S7 ROOM 016	2057198	Water	Plumbing		9/18/2024	6:35 AM
FLUSHED-S7 ROOM 016	2057199	Water	Plumbing		9/18/2024	7:15 AM
STANDING-BF 2 BY GYM	2057200	Water	Plumbing		9/17/2024	6:30 AM
FLUSHED-BF 2 BY GYM	2057201	Water	Plumbing		9/17/2024	7:05 AM
STANDING-BF 3 BY ROOM 203	2057202	Water	Plumbing		9/17/2024	6:35 AM
FLUSHED-BF 3 BY ROOM 203	2057203	Water	Plumbing		9/17/2024	7:15 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



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This report has been approved by:

Brad Halvorson, B.Sc.

Laboratory Director

WORK ORDER RESULTS

Sample Description	STANDING - S6 ROOM 014		FLUSHED - S6 ROOM 014		STANDING - S7 ROOM 016		FLUSHED - S7 ROOM 016			
Sample Date	9/18/2024 6:30 AM		9/18/2024 7:05 AM		9/18/2024 6:35 AM		9/18/2024 7:15 AM			
Lab ID	2057196		2057197		2057198		2057199			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	<0.1	0.1	<0.1	0.1	0.2	0.1	<0.1	0.1	ug/L	10

Sample Description	STANDING - BF 2 BY GYM		FLUSHED - BF 2 BY GYM		STANDING - BF 3 BY ROOM 203		FLUSHED - BF 3 BY ROOM 203			
Sample Date	9/17/2024 6:30 AM		9/17/2024 7:05 AM		9/17/2024 6:35 AM		9/17/2024 7:15 AM			
Lab ID	2057200		2057201		2057202		2057203			
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



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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.

Organic Soil Analysis: Data reported for organic analysis in soils samples are corrected for moisture content.

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.

Regulation Comparisons: Disclaimer: Please note that regulation criteria are provided for comparative purposes, however the onus on ensuring the validity of this comparison rests with the client.

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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	0.3	20240923.A13.1H
Lead	0.1	ug/L	0	<0.1	0.3	20240923.A13.1J

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	85	93.3	115	20240923.A13.1J
Lead	N/A	%	85	93.7	115	20240923.A13.1H

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.58	3.94	5.38	20240923.A13.1H
Lead	1	ug/L	2.58	3.95	5.38	20240923.A13.1J

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	89.1	130	20240923.A13.1H
Lead	N/A	% Rec	70	93.5	130	20240923.A13.1J



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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 - BF 2 BY GYM	2057201	ICPMS Reg. Water (A13)	20240923.A13.1J	20240920.A52Q
FLUSHED - BF 2 BY GYM	2057201r	ICPMS Reg. Water (A13)	20240923.A13.1J	20240920.A52Q
FLUSHED - BF 3 BY ROOM 203	2057203	ICPMS Reg. Water (A13)	20240923.A13.1H	20240920.A52N
FLUSHED - S6 ROOM 014	2057197	ICPMS Reg. Water (A13)	20240923.A13.1J	20240920.A52Q
FLUSHED - S7 ROOM 016	2057199	ICPMS Reg. Water (A13)	20240923.A13.1J	20240920.A52Q
STANDING - BF 2 BY GYM	2057200	ICPMS Reg. Water (A13)	20240923.A13.1J	20240920.A52Q
STANDING - BF 3 BY ROOM 203	2057202	ICPMS Reg. Water (A13)	20240923.A13.1H	20240920.A52N
STANDING - S6 ROOM 014	2057196	ICPMS Reg. Water (A13)	20240923.A13.1J	20240920.A52Q
STANDING - S7 ROOM 016	2057198	ICPMS Reg. Water (A13)	20240923.A13.1J	20240920.A52Q