

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

CERTIFICATE OF ANALYSIS

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Work Order Number: 550545
PO #:
Regulation: O.Reg. 243/07
Project #:
DWS #: 500040366
Sampled By: Diane H

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-BF 2 BY ROOM 106	2057150	Water	Plumbing		9/17/2024	6:30 AM
FLUSHED-BF 2 BY ROOM 106	2057151	Water	Plumbing		9/17/2024	7:05 AM
STANDING-BF 7 BY GYM	2057152	Water	Plumbing		9/17/2024	6:30 AM
FLUSHED-BF 7 BY GYM	2057153	Water	Plumbing		9/17/2024	7:05 AM
STANDING-BF4 BY ROOM 117	2057154	Water	Plumbing		9/17/2024	6:35 AM
FLUSHED-BF BY ROOM 117	2057155	Water	Plumbing		9/17/2024	7:10 AM
STANDING-S2 ROOM 107	2057156	Water	Plumbing		9/18/2024	6:30 AM
FLUSHED-S2 ROOM 107	2057157	Water	Plumbing		9/18/2024	7:05 AM
STANDING-S3 ROOM 115	2057158	Water	Plumbing		9/18/2024	6:30 AM
FLUSHED-S3 ROOM 115	2057159	Water	Plumbing		9/18/2024	7:05 AM
STANDING-S4 ROOM 114	2057160	Water	Plumbing		9/18/2024	6:35 AM
FLUSHED-S4 ROOM 114	2057161	Water	Plumbing		9/18/2024	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:

Brad Halvorson, B.Sc.

Laboratory Director

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WORK ORDER RESULTS

Sample Description	STANDING - BF 2 BY ROOM 106		FLUSHED - BF 2 BY ROOM 106		STANDING - BF 7 BY GYM		FLUSHED - BF 7 BY GYM			
Sample Date	9/17/2024 6:30 AM		9/17/2024 7:05 AM		9/17/2024 6:30 AM		9/17/2024 7:05 AM			
Lab ID	2057150		2057151		2057152		2057153			
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	ug/L	10

Sample Description	STANDING - BF4 BY ROOM 117		FLUSHED - BF BY ROOM 117		STANDING - S2 ROOM 107		FLUSHED - S2 ROOM 107			
Sample Date	9/17/2024 6:35 AM		9/17/2024 7:10 AM		9/18/2024 6:30 AM		9/18/2024 7:05 AM			
Lab ID	2057154		2057155		2057156		2057157			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	<0.1	0.1	<0.1	0.1	0.7	0.1	0.4	0.1	ug/L	10

Sample Description	STANDING - S3 ROOM 115		FLUSHED - S3 ROOM 115		STANDING - S4 ROOM 114		FLUSHED - S4 ROOM 114			
Sample Date	9/18/2024 6:30 AM		9/18/2024 7:05 AM		9/18/2024 6:35 AM		9/18/2024 7:10 AM			
Lab ID	2057158		2057159		2057160		2057161			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.9	0.1	0.6	0.1	0.3	0.1	0.2	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.

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

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
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

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

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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 ROOM 106	2057151	ICPMS Reg. Water (A13)	20240923.A13.1H	20240920.A52N
FLUSHED - BF 7 BY GYM	2057153	ICPMS Reg. Water (A13)	20240923.A13.1H	20240920.A52N
FLUSHED - BF BY ROOM 117	2057155	ICPMS Reg. Water (A13)	20240923.A13.1H	20240920.A52N
FLUSHED - S2 ROOM 107	2057157	ICPMS Reg. Water (A13)	20240923.A13.1H	20240920.A52N
FLUSHED - S3 ROOM 115	2057159	ICPMS Reg. Water (A13)	20240923.A13.1H	20240920.A52N
FLUSHED - S4 ROOM 114	2057161	ICPMS Reg. Water (A13)	20240923.A13.1H	20240920.A52N
STANDING - BF 2 BY ROOM 106	2057150	ICPMS Reg. Water (A13)	20240923.A13.1H	20240920.A52N
STANDING - BF 7 BY GYM	2057152	ICPMS Reg. Water (A13)	20240923.A13.1H	20240920.A52N
STANDING - BF4 BY ROOM 117	2057154	ICPMS Reg. Water (A13)	20240923.A13.1H	20240920.A52N
STANDING - S2 ROOM 107	2057156	ICPMS Reg. Water (A13)	20240923.A13.1H	20240920.A52N
STANDING - S3 ROOM 115	2057158	ICPMS Reg. Water (A13)	20240923.A13.1H	20240920.A52N
STANDING - S4 ROOM 114	2057160	ICPMS Reg. Water (A13)	20240923.A13.1H	20240920.A52N