

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

CERTIFICATE OF ANALYSIS

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Work Order Number: 550550
PO #:
Regulation: O.Reg. 243/07
Project #:
DWS #: 500045878
Sampled By: Anne P

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 02 BY ROOM 203	2057180	Water	Plumbing		9/18/2024	6:30 AM
FLUSHED-BF 02 BY ROOM 203	2057181	Water	Plumbing		9/18/2024	7:05 AM
STANDING-BF 03 BY ROOM 003	2057182	Water	Plumbing		9/18/2024	6:35 AM
FLUSHED-BF 03 BY ROOM 003	2057183	Water	Plumbing		9/18/2024	7:10 AM
STANDING-S5 ROOM 101 DAYCARE	2057184	Water	Plumbing		9/18/2024	6:30 AM
FLUSHED-S5 ROOM 101 DAYCARE	2057185	Water	Plumbing		9/18/2024	7:05 AM
STANDING-S6 ROOM 16	2057186	Water	Plumbing		9/18/2024	6:35 AM
FLUSHED-S6 ROOM 16	2057187	Water	Plumbing		9/18/2024	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



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This report has been approved by:

Brad Halvorson, B.Sc.

Laboratory Director

WORK ORDER RESULTS

Sample Description	STANDING - BF 02 BY ROOM 203		FLUSHED - BF 02 BY ROOM 203		STANDING - BF 03 BY ROOM 003		FLUSHED - BF 03 BY ROOM 003			
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	2057180		2057181		2057182		2057183			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	1.7	0.1	0.8 [0.8]	0.1	<0.1	0.1	<0.1	0.1	ug/L	10

Sample Description	STANDING - S5 ROOM 101 DAYCARE		FLUSHED - S5 ROOM 101 DAYCARE		STANDING - S6 ROOM 16		FLUSHED - S6 ROOM 16			
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	2057184		2057185		2057186		2057187			
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	0.5	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.A13.1G
Lead	0.1	ug/L	0	<0.1	0.3	20240923.A13.1I
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	93.1	115	20240923.A13.1G
Lead	N/A	%	85	93.3	115	20240923.A13.1J
Lead	N/A	%	85	94	115	20240923.A13.1I

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.A13.1G
Lead	1	ug/L	2.58	3.95	5.38	20240923.A13.1J
Lead	1	ug/L	2.58	3.98	5.38	20240923.A13.1I

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	93.1	130	20240923.A13.1I
Lead	N/A	% Rec	70	93.5	130	20240923.A13.1J
Lead	N/A	% Rec	70	99.9	130	20240923.A13.1G



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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 02 BY ROOM 203	2057181	ICPMS Reg. Water (A13)	20240923.A13.1G	20240920.A52O
FLUSHED - BF 02 BY ROOM 203	2057181r	ICPMS Reg. Water (A13)	20240923.A13.1G	20240920.A52O
FLUSHED - BF 03 BY ROOM 003	2057183	ICPMS Reg. Water (A13)	20240923.A13.1I	20240920.A52P
FLUSHED - S5 ROOM 101 DAYCARE	2057185	ICPMS Reg. Water (A13)	20240923.A13.1I	20240920.A52P
FLUSHED - S5 ROOM 101 DAYCARE	2057185r	ICPMS Reg. Water (A13)	20240923.A13.1I	20240920.A52P
FLUSHED - S6 ROOM 16	2057187	ICPMS Reg. Water (A13)	20240923.A13.1J	20240920.A52Q
STANDING - BF 02 BY ROOM 203	2057180	ICPMS Reg. Water (A13)	20240923.A13.1G	20240920.A52O
STANDING - BF 03 BY ROOM 003	2057182	ICPMS Reg. Water (A13)	20240923.A13.1I	20240920.A52P
STANDING - S5 ROOM 101 DAYCARE	2057184	ICPMS Reg. Water (A13)	20240923.A13.1I	20240920.A52P
STANDING - S6 ROOM 16	2057186	ICPMS Reg. Water (A13)	20240923.A13.1J	20240920.A52Q