

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

CERTIFICATE OF ANALYSIS

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Work Order Number: 552939
PO #:
Regulation: O.Reg. 243/07
Project #:
DWS #: 500045852
Sampled By: Rob Lisi

Date Order Received: 10/9/2024
Arrival Temperature: 16 C

Analysis Started: 10/15/2024
Analysis Completed: 10/16/2024

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- S5 room 107	2066075	Water	Plumbing		10/9/2024	6:35 AM
Flushed- S5 room 107	2066076	Water	Plumbing		10/9/2024	7:10 AM
Standing- S1 room 102 Daycare	2066077	Water	Plumbing		10/9/2024	6:35 AM
Flushed- S1 room 102 Daycare	2066078	Water	Plumbing		10/9/2024	7:10 AM
Standing- BF3 by room 217	2066079	Water	Plumbing		10/9/2024	6:30 AM
Flushed- BF3 by room 217	2066080	Water	Plumbing		10/9/2024	7:05 AM
Standing- BF 2 by room 104E	2066081	Water	Plumbing		10/9/2024	6:30 AM
Flushed- BF 2 by room 104E	2066082	Water	Plumbing		10/9/2024	7:05 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 - S5 room 107		Flushed - S5 room 107		Standing - S1 room 102 Daycare		Flushed - S1 room 102 Daycare			
Sample Date	10/9/2024 6:35 AM		10/9/2024 7:10 AM		10/9/2024 6:35 AM		10/9/2024 7:10 AM			
Lab ID	2066075		2066076		2066077		2066078			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	<0.1	0.1	<0.1	0.1	0.6	0.1	1.8	0.1	ug/L	10
Sample Description	Standing - BF3 by room 217		Flushed - BF3 by room 217		Standing - BF 2 by room 104E		Flushed - BF 2 by room 104E			
Sample Date	10/9/2024 6:30 AM		10/9/2024 7:05 AM		10/9/2024 6:30 AM		10/9/2024 7:05 AM			
Lab ID	2066079		2066080		2066081		2066082			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.3	0.1	0.3	0.1	0.2	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.

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	20241016.A13.1E
Lead	0.1	ug/L	0	<0.1	0.3	20241016.A13.1F

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	85	115	115	20241016.A13.1F
Lead	N/A	%	85	120	115	20241016.A13.1E

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.58	4.63	5.38	20241016.A13.1F
Lead	1	ug/L	2.58	4.75	5.38	20241016.A13.1E

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	112	130	20241016.A13.1E
Lead	N/A	% Rec	70	114	130	20241016.A13.1F



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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 104E	2066082	ICPMS Reg. Water (A13)	20241016.A13.1F	20241015.A52ZN
Flushed - BF3 by room 217	2066080	ICPMS Reg. Water (A13)	20241016.A13.1E	20241015.A52ZM
Flushed - S1 room 102 Daycare	2066078	ICPMS Reg. Water (A13)	20241016.A13.1E	20241015.A52ZM
Flushed - S5 room 107	2066076	ICPMS Reg. Water (A13)	20241016.A13.1E	20241015.A52ZM
Standing - BF 2 by room 104E	2066081	ICPMS Reg. Water (A13)	20241016.A13.1F	20241015.A52ZN
Standing - BF3 by room 217	2066079	ICPMS Reg. Water (A13)	20241016.A13.1E	20241015.A52ZM
Standing - S1 room 102 Daycare	2066077	ICPMS Reg. Water (A13)	20241016.A13.1E	20241015.A52ZM
Standing - S5 room 107	2066075	ICPMS Reg. Water (A13)	20241016.A13.1E	20241015.A52ZM