



TESTMARK Laboratories Ltd.

Committed to Quality and Service

CERTIFICATE OF ANALYSIS

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Work Order Number: 516802
PO #:
Regulation: O.Reg. 243/07
Project #:
DWS #: 500045852
Sampled By: Rob Lisi

Date Order Received: 10/24/2023
Arrival Temperature: 11 C

Analysis Started: 10/31/2023
Analysis Completed: 11/1/2023

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	1944450	Water	Plumbing		10/24/2023	6:35 AM
FLUSHED-S5 ROOM 107	1944451	Water	Plumbing		10/24/2023	7:10 AM
STANDING-S1 ROOM 102 DAYCARE	1944452	Water	Plumbing		10/24/2023	6:35 AM
FLUSHED-S1 ROOM 102 DAYCARE	1944453	Water	Plumbing		10/24/2023	7:10 AM
STANDING-BF3 BY ROOM 217	1944454	Water	Plumbing		10/24/2023	6:30 AM
FLUSHED-BF3 BY ROOM 217	1944455	Water	Plumbing		10/24/2023	7:05 AM
STANDING-BF 2 BY ROOM 104E	1944456	Water	Plumbing		10/24/2023	6:30 AM
FLUSHED-BF 2 BY ROOM 104E	1944457	Water	Plumbing		10/24/2023	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	10/24/2023 6:35 AM		10/24/2023 7:10 AM		10/24/2023 6:35 AM		10/24/2023 7:10 AM			
Lab ID	1944450		1944451		1944452		1944453			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.3 [0.3]	0.1	0.6	0.1	1.8	0.1	0.8	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	10/24/2023 6:30 AM		10/24/2023 7:05 AM		10/24/2023 6:30 AM		10/24/2023 7:05 AM			
Lab ID	1944454		1944455		1944456		1944457			
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



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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	20231101.A13.1C	
Positive Control: LFB-7 (N 100 µg/L) (7)							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	%	85	84.6	115	20231101.A13.1C	
Reference Sample: CRM-12 (EP-L-3) (12)							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	1	ug/L	2.58	3.97	5.38	20231101.A13.1C	
Sample Spike: LFMS-9 (N 100 µg/L) (9)							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	% Rec	70	83	130	20231101.A13.1C	

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	1944457	ICPMS Reg. Water (A13)	20231101.A13.1C	20231030.A52I
FLUSHED - BF3 BY ROOM 217	1944455	ICPMS Reg. Water (A13)	20231101.A13.1C	20231030.A52I
FLUSHED - S1 ROOM 102 DAYCARE	1944453	ICPMS Reg. Water (A13)	20231101.A13.1C	20231030.A52I
FLUSHED - S5 ROOM 107	1944451	ICPMS Reg. Water (A13)	20231101.A13.1C	20231030.A52I
STANDING - BF 2 BY ROOM 104E	1944456	ICPMS Reg. Water (A13)	20231101.A13.1C	20231030.A52I
STANDING - BF3 BY ROOM 217	1944454	ICPMS Reg. Water (A13)	20231101.A13.1C	20231030.A52I
STANDING - S1 ROOM 102 DAYCARE	1944452	ICPMS Reg. Water (A13)	20231101.A13.1C	20231030.A52I
STANDING - S5 ROOM 107	1944450	ICPMS Reg. Water (A13)	20231101.A13.1C	20231030.A52I
STANDING - S5 ROOM 107	1944450r	ICPMS Reg. Water (A13)	20231101.A13.1C	20231030.A52I