



TESTMARK Laboratories Ltd.

Committed to Quality and Service

CERTIFICATE OF ANALYSIS

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Work Order Number: 535841
PO #:
Regulation: O.Reg. 243/07
Project #:
DWS #: 500044448
Sampled By: illegible

Date Order Received: 5/27/2024
Arrival Temperature: 5.4 C

Analysis Started: 5/28/2024
Analysis Completed: 5/29/2024

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-T-2 RM 111 DAYCARE	2009771	Water	Plumbing		5/27/2024	6:00 AM
FLUSHED-T-2 RM 111 DAYCARE	2009772	Water	Plumbing		5/27/2024	6:35 AM
STANDING- BF-01 BY RM 148	2009773	Water	Plumbing		5/27/2024	6:05 AM
FLUSHED- BF-01 BY RM 148	2009774	Water	Plumbing		5/27/2024	6:40 AM
STANDING- BF-02 BY RM 116	2009775	Water	Plumbing		5/27/2024	6:10 AM
FLUSHED- BF-02 BY RM 116	2009776	Water	Plumbing		5/27/2024	6:45 AM
STANDING- T-1 RM 152	2009777	Water	Plumbing		5/27/2024	6:15 AM
FLUSHED- T-1 RM 152	2009778	Water	Plumbing		5/27/2024	6:50 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:

Adam Tam, M.Sc.
Director of Operations

WORK ORDER RESULTS

Sample Description	STANDING - T - 2 RM 111 DAYCARE		FLUSHED - T - 2 RM 111 DAYCARE		STANDING - BF - 01 BY RM 148		FLUSHED - BF - 01 BY RM 148			
Sample Date	5/27/2024 6:00 AM		5/27/2024 6:35 AM		5/27/2024 6:05 AM		5/27/2024 6:40 AM			
Lab ID	2009771		2009772		2009773		2009774			
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 - BF - 02 BY RM 116		FLUSHED - BF - 02 BY RM 116		STANDING - T - 1 RM 152		FLUSHED - T - 1 RM 152			
Sample Date	5/27/2024 6:10 AM		5/27/2024 6:45 AM		5/27/2024 6:15 AM		5/27/2024 6:50 AM			
Lab ID	2009775		2009776		2009777		2009778			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	<0.1	0.1	<0.1	0.1	0.3	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	20240529.A13.1C	
Positive Control: LFB-7 (N 100 µg/L) (7)							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	%	85	96.3	115	20240529.A13.1C	
Reference Sample: CRM-12 (EP-L-3) (12)							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	1	ug/L	2.58	3.87	5.38	20240529.A13.1C	
Sample Replicate: % RPD (4)							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	%	0	0	20	20240529.A13.1C	
Sample Spike: LFMS-9 (N 100 µg/L) (9)							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	% Rec	70	94.8	130	20240529.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 - 01 BY RM 148	2009774	ICPMS Reg. Water (A13)	20240529.A13.1C	20240528.A52ZM
FLUSHED - BF - 02 BY RM 116	2009776	ICPMS Reg. Water (A13)	20240529.A13.1C	20240528.A52ZM
FLUSHED - T - 1 RM 152	2009778	ICPMS Reg. Water (A13)	20240529.A13.1C	20240528.A52ZM
FLUSHED - T - 2 RM 111 DAYCARE	2009772	ICPMS Reg. Water (A13)	20240529.A13.1C	20240528.A52ZM
STANDING - BF - 01 BY RM 148	2009773	ICPMS Reg. Water (A13)	20240529.A13.1C	20240528.A52ZM
STANDING - BF - 02 BY RM 116	2009775	ICPMS Reg. Water (A13)	20240529.A13.1C	20240528.A52ZM
STANDING - T - 1 RM 152	2009777	ICPMS Reg. Water (A13)	20240529.A13.1C	20240528.A52ZM
STANDING - T - 2 RM 111 DAYCARE	2009771	ICPMS Reg. Water (A13)	20240529.A13.1C	20240528.A52ZM