

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

CERTIFICATE OF ANALYSIS

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Work Order Number: 548170
PO #:
Regulation: O.Reg. 243/07
Project #:
DWS #: 500039092
Sampled By: Alain Venne

Date Order Received: 9/6/2024
Arrival Temperature: 21 C

Analysis Started: 9/11/2024
Analysis Completed: 9/12/2024

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 01 by Room 305	2051347	Water	Plumbing		9/6/2024	6:35 AM
Flushed- BF 01 by Room 305	2051348	Water	Plumbing		9/6/2024	7:10 AM
Standing- S1 Room 202	2051349	Water	Plumbing		9/6/2024	6:30 AM
Flushed- S1 Room 202	2051350	Water	Plumbing		9/6/2024	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 - BF 01 by Room 305		Flushed - BF 01 by Room 305		Standing - S1 Room 202		Flushed - S1 Room 202			
Sample Date	9/6/2024 6:35 AM		9/6/2024 7:10 AM		9/6/2024 6:30 AM		9/6/2024 7:05 AM			
Lab ID	2051347		2051348		2051349		2051350			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	<0.1	0.1	<0.1	0.1	3.4	0.1	1.4 [1.4]	0.1	ug/L	10

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

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	99.7	130	20240912.A13.1C

Method Blank: LRB-6 (Blank) (6)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	0.1	ug/L	0	<0.1	0.3	20240912.A13.1C

Sample Replicate: % RPD (4)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	0	0	20	20240912.A13.1C

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	85	105	115	20240912.A13.1C

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.58	4.22	5.38	20240912.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 Room 305	2051348	ICPMS Reg. Water (A13)	20240912.A13.1C	20240911.A52ZM
Flushed - S1 Room 202	2051350	ICPMS Reg. Water (A13)	20240912.A13.1C	20240911.A52ZM
Flushed - S1 Room 202	2051350r	ICPMS Reg. Water (A13)	20240912.A13.1C	20240911.A52ZM
Standing - BF 01 by Room 305	2051347	ICPMS Reg. Water (A13)	20240912.A13.1C	20240911.A52ZM
Standing - S1 Room 202	2051349	ICPMS Reg. Water (A13)	20240912.A13.1C	20240911.A52ZM