



TESTMARK Laboratories Ltd.

Committed to Quality and Service

CERTIFICATE OF ANALYSIS

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Work Order Number: 514098
PO #:
Regulation: O.Reg. 243/07
Project #:
DWS #: 500045618
Sampled By: Carol Koziar

Date Order Received: 9/28/2023
Arrival Temperature: 8 °C

Analysis Started: 10/1/2023
Analysis Completed: 10/2/2023

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- BF2 BY STAIR B	1933385	Water	Plumbing		9/28/2023	6:30 AM
FLUSHED- BF2 BY STAIR B	1933386	Water	Plumbing		9/28/2023	7:05 AM
STANDING- BF3 BY 109	1933387	Water	Plumbing		9/28/2023	6:35 AM
FLUSHED- BF3 BY 109	1933388	Water	Plumbing		9/28/2023	7:10 AM
STANDING- S1 RM. 17	1933389	Water	Plumbing		9/28/2023	6:40 AM
FLUSHED- S1 RM. 17	1933390	Water	Plumbing		9/28/2023	7:15 AM
STANDING- S2 YMCA 224	1933391	Water	Plumbing		9/28/2023	6:45 AM
FLUSHED- S2 YMCA 224	1933392	Water	Plumbing		9/28/2023	7:20 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

This report has been approved by:



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WORK ORDER RESULTS

Sample Description	STANDING - BF2 BY STAIR B		FLUSHED - BF2 BY STAIR B		STANDING - BF3 BY 109		FLUSHED - BF3 BY 109			
Sample Date	9/28/2023 6:30 AM		9/28/2023 7:05 AM		9/28/2023 6:35 AM		9/28/2023 7:10 AM			
Lab ID	1933385		1933386		1933387		1933388			
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 - S1 RM. 17		FLUSHED - S1 RM. 17		STANDING - S2 YMCA 224		FLUSHED - S2 YMCA 224			
Sample Date	9/28/2023 6:40 AM		9/28/2023 7:15 AM		9/28/2023 6:45 AM		9/28/2023 7:20 AM			
Lab ID	1933389		1933390		1933391		1933392			
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	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							
Method Blank: LRB-6 (Blank) (6)							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	0.1	ug/L	0	<0.1	0.3	20231002.A13.1E	
Lead	0.1	ug/L	0	<0.1	0.3	20231002.A13.1F	
Positive Control: LFB-7 (N 100 µg/L) (7)							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	%	85	98.7	115	20231002.A13.1F	
Lead	N/A	%	85	99.4	115	20231002.A13.1E	
Reference Sample: CRM-12 (EP-L-3) (12)							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	1	ug/L	2.58	4.06	5.38	20231002.A13.1F	
Lead	1	ug/L	2.58	4.07	5.38	20231002.A13.1E	
Sample Spike: LFMS-9 (N 100 µg/L) (9)							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	% Rec	70	95.5	130	20231002.A13.1F	
Lead	N/A	% Rec	70	95.9	130	20231002.A13.1E	



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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 - BF2 BY STAIR B	1933386	ICPMS Reg. Water (A13)	20231002.A13.1F	20230929.A52Y
FLUSHED - BF3 BY 109	1933388	ICPMS Reg. Water (A13)	20231002.A13.1F	20230929.A52Y
FLUSHED - S1 RM. 17	1933390	ICPMS Reg. Water (A13)	20231002.A13.1E	20230929.A52Z
FLUSHED - S2 YMCA 224	1933392	ICPMS Reg. Water (A13)	20231002.A13.1E	20230929.A52Z
STANDING - BF2 BY STAIR B	1933385	ICPMS Reg. Water (A13)	20231002.A13.1F	20230929.A52Y
STANDING - BF3 BY 109	1933387	ICPMS Reg. Water (A13)	20231002.A13.1F	20230929.A52Y
STANDING - S1 RM. 17	1933389	ICPMS Reg. Water (A13)	20231002.A13.1E	20230929.A52Z
STANDING - S1 RM. 17	1933389r	ICPMS Reg. Water (A13)	20231002.A13.1E	20230929.A52Z
STANDING - S2 YMCA 224	1933391	ICPMS Reg. Water (A13)	20231002.A13.1E	20230929.A52Z