



TESTMARK Laboratories Ltd.

Committed to Quality and Service

CERTIFICATE OF ANALYSIS

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Work Order Number: 477630
PO #:
Regulation: O.Reg. 243/07
Project #:
DWS #: 500040366
Sampled By: Mychel

Date Order Received: 9/22/2022
Arrival Temperature: 12.7 °C

Analysis Started: 9/30/2022
Analysis Completed: 9/30/2022

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-F1 by room 108A	1802741	Water	Plumbing		9/21/2022	6:30 AM
Flushed-F1 by room 108A	1802742	Water	Plumbing		9/21/2022	7:05 AM
Standing-F6 by room 129	1802743	Water	Plumbing		9/21/2022	6:35 AM
Flushed-F6 by room 129	1802744	Water	Plumbing		9/21/2022	7:10 AM
Standing-S7 room 122	1802745	Water	Plumbing		9/20/2022	6:30 AM
Flushed-S7 room 122	1802746	Water	Plumbing		9/20/2022	7:05 AM
Standing-F5 by room 129	1802747	Water	Plumbing		9/20/2022	6:35 AM
Flushed-F5 by room 129	1802748	Water	Plumbing		9/20/2022	7:10 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:

Mahesh Patel, B.Sc.
Laboratory Director



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WORK ORDER RESULTS

Sample Description	Standing - F1 by room 108A		Flushed - F1 by room 108A		Standing - F6 by room 129		Flushed - F6 by room 129			
Sample Date	9/21/2022 6:30 AM		9/21/2022 7:05 AM		9/21/2022 6:35 AM		9/21/2022 7:10 AM			
Lab ID	1802741		1802742		1802743		1802744			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.9	0.1	<0.1	0.1	0.5	0.1	<0.1	0.1	ug/L	10

Sample Description	Standing - S7 room 122		Flushed - S7 room 122		Standing - F5 by room 129		Flushed - F5 by room 129			
Sample Date	9/20/2022 6:30 AM		9/20/2022 7:05 AM		9/20/2022 6:35 AM		9/20/2022 7:10 AM			
Lab ID	1802745		1802746		1802747		1802748			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.9	0.1	0.9	0.1	0.3	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.

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	20220930.A13.1B

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	85	99	115	20220930.A13.1B

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.58	4	5.38	20220930.A13.1B

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	96.1	130	20220930.A13.1B

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 - F1 by room 108A	1802742	ICPMS Reg. Water (A13)	20220930.A13.1B	20220928.A52R
Flushed - F5 by room 129	1802748	ICPMS Reg. Water (A13)	20220930.A13.1B	20220928.A52R
Flushed - F6 by room 129	1802744	ICPMS Reg. Water (A13)	20220930.A13.1B	20220928.A52R
Flushed - S7 room 122	1802746	ICPMS Reg. Water (A13)	20220930.A13.1B	20220928.A52R
Standing - F1 by room 108A	1802741	ICPMS Reg. Water (A13)	20220930.A13.1B	20220928.A52R
Standing - F5 by room 129	1802747	ICPMS Reg. Water (A13)	20220930.A13.1B	20220928.A52R
Standing - F6 by room 129	1802743	ICPMS Reg. Water (A13)	20220930.A13.1B	20220928.A52R
Standing - S7 room 122	1802745	ICPMS Reg. Water (A13)	20220930.A13.1B	20220928.A52R