



TESTMARK Laboratories Ltd.

Committed to Quality and Service

CERTIFICATE OF ANALYSIS

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Work Order Number: 462586
PO #:
Regulation: O.Reg. 243/07
Project #:
DWS #: 500040379
Sampled By:

Date Order Received: 5/12/2022
Arrival Temperature: 8 °C

Analysis Started: 5/17/2022
Analysis Completed: 5/17/2022

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-F4 by room 101E	1753045	Water	Plumbing		5/12/2022	6:30 AM
Flushed-F4 by room 101E	1753046	Water	Plumbing		5/12/2022	7:05 AM
Standing-S4 room 222	1753047	Water	Plumbing		5/12/2022	6:35 AM
Flushed-S4 room 222	1753048	Water	Plumbing		5/12/2022	7:10 AM
Standing-BF 07 by room 205 A	1753049	Water	Plumbing		5/12/2022	6:30 AM
Flushed-BF 07 by room 205 A	1753050	Water	Plumbing		5/12/2022	7:05 AM
Standing-BF 08 by room 333 B	1753051	Water	Plumbing		5/12/2022	6:35 AM
Flushed-BF 08 by room 333 B	1753052	Water	Plumbing		5/12/2022	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 - F4 by room 101E		Flushed - F4 by room 101E		Standing - S4 room 222		Flushed - S4 room 222			
Sample Date	5/12/2022 6:30 AM		5/12/2022 7:05 AM		5/12/2022 6:35 AM		5/12/2022 7:10 AM			
Lab ID	1753045		1753046		1753047		1753048			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	5.4	0.1	1.8	0.1	1.2	0.1	0.9	0.1	ug/L	10

Sample Description	Standing - BF 07 by room 205 A		Flushed - BF 07 by room 205 A		Standing - BF 08 by room 333 B		Flushed - BF 08 by room 333 B			
Sample Date	5/12/2022 6:30 AM		5/12/2022 7:05 AM		5/12/2022 6:35 AM		5/12/2022 7:10 AM			
Lab ID	1753049		1753050		1753051		1753052			
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

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.



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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	1	20220517.A13.1D

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	102	120	20220517.A13.1D

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.58	4.09	5.38	20220517.A13.1D

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	95.3	130	20220517.A13.1D

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 07 by room 205 A	1753050	ICPMS Reg. Water (A13)	20220517.A13.1D	20220516.A52M
Flushed - BF 08 by room 333 B	1753052	ICPMS Reg. Water (A13)	20220517.A13.1D	20220516.A52M
Flushed - F4 by room 101E	1753046	ICPMS Reg. Water (A13)	20220517.A13.1D	20220516.A52M
Flushed - S4 room 222	1753048	ICPMS Reg. Water (A13)	20220517.A13.1D	20220516.A52M
Standing - BF 07 by room 205 A	1753049	ICPMS Reg. Water (A13)	20220517.A13.1D	20220516.A52M
Standing - BF 08 by room 333 B	1753051	ICPMS Reg. Water (A13)	20220517.A13.1D	20220516.A52M
Standing - F4 by room 101E	1753045	ICPMS Reg. Water (A13)	20220517.A13.1D	20220516.A52M
Standing - S4 room 222	1753047	ICPMS Reg. Water (A13)	20220517.A13.1D	20220516.A52M