



TESTMARK Laboratories Ltd.

Committed to Quality and Service

CERTIFICATE OF ANALYSIS

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Work Order Number: 462839
PO #:
Regulation: O.Reg. 243/07
Project #:
DWS #: 500001132
Sampled By:

Date Order Received: 5/16/2022
Arrival Temperature: 1.5 °C

Analysis Started: 5/19/2022
Analysis Completed: 5/19/2022

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-S124B	1753924	Water	Plumbing		5/14/2022	11:15 AM
Flushed-S124B	1753925	Water	Plumbing		5/14/2022	12:30 PM
Standing-S103	1753926	Water	Plumbing		5/14/2022	11:50 AM
Flushed-S103	1753927	Water	Plumbing		5/14/2022	12:25 PM
Standing-F3	1753928	Water	Plumbing		5/14/2022	11:55 AM
Flushed-F3	1753929	Water	Plumbing		5/14/2022	12:30 PM
Standing-S140	1753930	Water	Plumbing		5/14/2022	12:00 PM
Flushed-S140	1753931	Water	Plumbing		5/14/2022	12:35 PM

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 - S124B		Flushed - S124B		Standing - S103		Flushed - S103			
Sample Date	5/14/2022 11:15 AM		5/14/2022 12:30 PM		5/14/2022 11:50 AM		5/14/2022 12:25 PM			
Lab ID	1753924		1753925		1753926		1753927			
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 - F3		Flushed - F3		Standing - S140		Flushed - S140			
Sample Date	5/14/2022 11:55 AM		5/14/2022 12:30 PM		5/14/2022 12:00 PM		5/14/2022 12:35 PM			
Lab ID	1753928		1753929		1753930		1753931			
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	20220519.A13.1F	
Positive Control: LFB-7 (N 100 µg/L) (7)							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	%	80	99.2	120	20220519.A13.1F	
Reference Sample: CRM-12 (EP-L-3) (12)							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	1	ug/L	2.58	4.12	5.38	20220519.A13.1F	
Sample Spike: LFMS-9 (N 100 µg/L) (9)							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	% Rec	70	93.5	130	20220519.A13.1F	

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 - F3	1753929	ICPMS Reg. Water (A13)	20220519.A13.1F	20220518.A52H
Flushed - S103	1753927	ICPMS Reg. Water (A13)	20220519.A13.1F	20220518.A52H
Flushed - S124B	1753925	ICPMS Reg. Water (A13)	20220519.A13.1F	20220518.A52H
Flushed - S140	1753931	ICPMS Reg. Water (A13)	20220519.A13.1F	20220518.A52H
Standing - F3	1753928	ICPMS Reg. Water (A13)	20220519.A13.1F	20220518.A52H
Standing - S103	1753926	ICPMS Reg. Water (A13)	20220519.A13.1F	20220518.A52H
Standing - S124B	1753924	ICPMS Reg. Water (A13)	20220519.A13.1F	20220518.A52H
Standing - S140	1753930	ICPMS Reg. Water (A13)	20220519.A13.1F	20220518.A52H