



CERTIFICATE OF ANALYSIS

Client: Carol Koziar
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Work Order Number: 477695
PO #:
Regulation: O.Reg. 243/07
Project #:
DWS #: 500045995
Sampled By: Carol Koziar

Date Order Received: 9/23/2022
Arrival Temperature: 3 °C

Analysis Started: 10/3/2022
Analysis Completed: 10/3/2022

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- F 8 by Cafeteria	1802993	Water	Plumbing		9/23/2022	6:30 AM
Flushed- F 8 by Cafeteria	1802994	Water	Plumbing		9/23/2022	7:05 AM
Standing' S-1 rm 109A	1802995	Water	Plumbing		9/23/2022	6:35 AM
Flushed- S-1 rm 109A	1802996	Water	Plumbing		9/23/2022	7:10 AM
Standing- S-3 rm 203	1802997	Water	Plumbing		9/23/2022	6:40 AM
Flushed- S-3 rm 203	1802998	Water	Plumbing		9/23/2022	7:15 AM
Standing- S-6 rm 231	1802999	Water	Plumbing		9/23/2022	6:45 AM
Flushed- S-6 rm 231	1803000	Water	Plumbing		9/23/2022	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



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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 - F 8 by Cafeteria		Flushed - F 8 by Cafeteria		Standing' S - 1 rm 109A		Flushed - S - 1 rm 109A			
Sample Date	9/23/2022 6:30 AM		9/23/2022 7:05 AM		9/23/2022 6:35 AM		9/23/2022 7:10 AM			
Lab ID	1802993		1802994		1802995		1802996			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	<0.1	0.1	<0.1	0.1	0.2	0.1	0.2	0.1	ug/L	10

Sample Description	Standing - S - 3 rm 203		Flushed - S - 3 rm 203		Standing - S - 6 rm 231		Flushed - S - 6 rm 231			
Sample Date	9/23/2022 6:40 AM		9/23/2022 7:15 AM		9/23/2022 6:45 AM		9/23/2022 7:20 AM			
Lab ID	1802997		1802998		1802999		1803000			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.3	0.1	0.1	0.1	1.4	0.1	0.6	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	20221003.A13.1C

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	85	97.1	115	20221003.A13.1C

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.58	4.11	5.38	20221003.A13.1C

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	100	130	20221003.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 - F 8 by Cafeteria	1802994	ICPMS Reg. Water (A13)	20221003.A13.1C	20220929.A52ZE
Flushed - S - 1 rm 109A	1802996	ICPMS Reg. Water (A13)	20221003.A13.1C	20220929.A52ZE
Flushed - S - 3 rm 203	1802998	ICPMS Reg. Water (A13)	20221003.A13.1C	20220929.A52ZE
Flushed - S - 6 rm 231	1803000	ICPMS Reg. Water (A13)	20221003.A13.1C	20220929.A52ZE
Standing - F 8 by Cafeteria	1802993	ICPMS Reg. Water (A13)	20221003.A13.1C	20220929.A52ZE
Standing - S - 3 rm 203	1802997	ICPMS Reg. Water (A13)	20221003.A13.1C	20220929.A52ZE
Standing - S - 6 rm 231	1802999	ICPMS Reg. Water (A13)	20221003.A13.1C	20220929.A52ZE
Standing' S - 1 rm 109A	1802995	ICPMS Reg. Water (A13)	20221003.A13.1C	20220929.A52ZE