



CERTIFICATE OF ANALYSIS

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Work Order Number: 477746
PO #:
Regulation: O.Reg. 243/07
Project #:
DWS #: 500046047
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-S-5 RM 17A	1803193	Water	Plumbing		9/23/2022	6:00 AM
FLUSHED-S-5 RM 17A	1803194	Water	Plumbing		9/23/2022	6:35 AM
STANDING-BF 3 DAYCARE HALL	1803195	Water	Plumbing		9/23/2022	6:05 AM
FLUSHED-BF 3 DAYCARE HALL	1803196	Water	Plumbing		9/23/2022	6:40 AM
STANDING-BF02 ELEMENTARY	1803197	Water	Plumbing		9/23/2022	6:10 AM
FLUSHED-BF02 ELEMENTARY	1803198	Water	Plumbing		9/23/2022	6:45 AM
STANDING-BF01 BY GYM	1803199	Water	Plumbing		9/23/2022	6:15 AM
FLUSHED-BF01 BY GYM	1803200	Water	Plumbing		9/23/2022	6:50 AM
STANDING-F1 CORRIDOR D	1803201	Water	Plumbing		9/23/2022	6:20 AM
FLUSHED-F1 CORRIDOR D	1803202	Water	Plumbing		9/23/2022	6:55 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 - S - 5 RM 17A		FLUSHED - S - 5 RM 17A		STANDING - BF 3 DAYCARE HALL		FLUSHED - BF 3 DAYCARE HALL		Units	Criteria: O.Reg. 243/07
Sample Date	9/23/2022 6:00 AM		9/23/2022 6:35 AM		9/23/2022 6:05 AM		9/23/2022 6:40 AM			
Lab ID	1803193		1803194		1803195		1803196			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL		
Lead	<0.1	0.1	<0.1	0.1	0.1	0.1	<0.1	0.1	ug/L	10
Sample Description	STANDING - BF02 ELEMENTARY		FLUSHED - BF02 ELEMENTARY		STANDING - BF01 BY GYM		FLUSHED - BF01 BY GYM		Units	Criteria: O.Reg. 243/07
Sample Date	9/23/2022 6:10 AM		9/23/2022 6:45 AM		9/23/2022 6:15 AM		9/23/2022 6:50 AM			
Lab ID	1803197		1803198		1803199		1803200			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL		
Lead	<0.1	0.1	<0.1	0.1	<0.1	0.1	<0.1	0.1	ug/L	10
Sample Description	STANDING - F1 CORRIDOR D		FLUSHED - F1 CORRIDOR D						Units	Criteria: O.Reg. 243/07
Sample Date	9/23/2022 6:20 AM		9/23/2022 6:55 AM							
Lab ID	1803201		1803202							
Metals	Result	MDL	Result	MDL	Units					
Lead	<0.1	0.1	<0.1	0.1	ug/L					10



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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.A13.1E

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	85	97.2	115	20221003.A13.1E

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.58	4.03	5.38	20221003.A13.1E

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	107	130	20221003.A13.1E

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 3 DAYCARE HALL	1803196	ICPMS Reg. Water (A13)	20221003.A13.1E	20220929.A52ZH
FLUSHED - BF01 BY GYM	1803200	ICPMS Reg. Water (A13)	20221003.A13.1E	20220929.A52ZH
FLUSHED - BF02 ELEMENTARY	1803198	ICPMS Reg. Water (A13)	20221003.A13.1E	20220929.A52ZH
FLUSHED - F1 CORRIDOR D	1803202	ICPMS Reg. Water (A13)	20221003.A13.1E	20220929.A52ZH
FLUSHED - S - 5 RM 17A	1803194	ICPMS Reg. Water (A13)	20221003.A13.1E	20220929.A52ZH
STANDING - BF 3 DAYCARE HALL	1803195	ICPMS Reg. Water (A13)	20221003.A13.1E	20220929.A52ZH
STANDING - BF01 BY GYM	1803199	ICPMS Reg. Water (A13)	20221003.A13.1E	20220929.A52ZH
STANDING - BF02 ELEMENTARY	1803197	ICPMS Reg. Water (A13)	20221003.A13.1E	20220929.A52ZH
STANDING - F1 CORRIDOR D	1803201	ICPMS Reg. Water (A13)	20221003.A13.1E	20220929.A52ZH
STANDING - S - 5 RM 17A	1803193	ICPMS Reg. Water (A13)	20221003.A13.1E	20220929.A52ZH