



CERTIFICATE OF ANALYSIS

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Work Order Number: 477750
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-8 ROOM 19A	1803230	Water	Plumbing		9/22/2022	6:00 AM
FLUSHED-S-8 ROOM 19A	1803231	Water	Plumbing		9/22/2022	9:35 AM
STANDING-S-9 RM 22 DAYCARE	1803232	Water	Plumbing		9/22/2022	6:05 AM
FLUSHED-S-9 RM 22 DAYCARE	1803233	Water	Plumbing		9/22/2022	6:40 AM
STANDING-S-10 RM 27 DAYCARE	1803234	Water	Plumbing		9/22/2022	6:10 AM
FLUSHED-S-10 RM 27 DAYCARE	1803235	Water	Plumbing		9/22/2022	6:45 AM
STANDING-S-12 RM 23 DAYCARE	1803236	Water	Plumbing		9/22/2022	6:20 AM
FLUSHED-S-12 RM 23 DAYCARE	1803237	Water	Plumbing		9/22/2022	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 - 8 ROOM 19A		FLUSHED - S - 8 ROOM 19A		STANDING - S - 9 RM 22 DAYCARE		FLUSHED - S - 9 RM 22 DAYCARE			
Sample Date	9/22/2022 6:00 AM		9/22/2022 9:35 AM		9/22/2022 6:05 AM		9/22/2022 6:40 AM			
Lab ID	1803230		1803231		1803232		1803233			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	<0.1	0.1	<0.1	0.1	9.0	0.1	1.8	0.1	ug/L	10
Sample Description	STANDING - S - 10 RM 27 DAYCARE		FLUSHED - S - 10 RM 27 DAYCARE		STANDING - S - 12 RM 23 DAYCARE		FLUSHED - S - 12 RM 23 DAYCARE			
Sample Date	9/22/2022 6:10 AM		9/22/2022 6:45 AM		9/22/2022 6:20 AM		9/22/2022 6:55 AM			
Lab ID	1803234		1803235		1803236		1803237			
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	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.

[]: Results for laboratory replicates are shown in square brackets immediately below the associated sample result for ease of comparison.

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
Lead	0.1	ug/L	0	<0.1	0.3	20221003.A13.1F

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	85	95.7	115	20221003.A13.1F
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	3.94	5.38	20221003.A13.1F
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
Lead	N/A	% Rec	70	98.3	130	20221003.A13.1F



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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 - S - 10 RM 27 DAYCARE	1803235	ICPMS Reg. Water (A13)	20221003.A13.1E	20220929.A52ZH
FLUSHED - S - 12 RM 23 DAYCARE	1803237	ICPMS Reg. Water (A13)	20221003.A13.1F	20220929.A52ZG
FLUSHED - S - 8 ROOM 19A	1803231	ICPMS Reg. Water (A13)	20221003.A13.1E	20220929.A52ZH
FLUSHED - S - 9 RM 22 DAYCARE	1803233	ICPMS Reg. Water (A13)	20221003.A13.1E	20220929.A52ZH
STANDING - S - 10 RM 27 DAYCARE	1803234	ICPMS Reg. Water (A13)	20221003.A13.1E	20220929.A52ZH
STANDING - S - 12 RM 23 DAYCARE	1803236	ICPMS Reg. Water (A13)	20221003.A13.1F	20220929.A52ZG
STANDING - S - 12 RM 23 DAYCARE	1803236r	ICPMS Reg. Water (A13)	20221003.A13.1F	20220929.A52ZG
STANDING - S - 8 ROOM 19A	1803230	ICPMS Reg. Water (A13)	20221003.A13.1E	20220929.A52ZH
STANDING - S - 9 RM 22 DAYCARE	1803232	ICPMS Reg. Water (A13)	20221003.A13.1E	20220929.A52ZH