



TESTMARK Laboratories Ltd.

Committed to Quality and Service

CERTIFICATE OF ANALYSIS

Client:	Carol Koziar	Work Order Number:	514189
Company:	RDSB - Lasalle Elementary/Secondary School	PO #:	
Address:	408 Wembley Drive Sudbury, ON, P3E 1P2	Regulation:	O.Reg. 243/07
Phone/Fax:	(705) 690-0323 / (705) 671-2442	Project #:	
Email:	koziarc@rainbowschools.ca	DWS #:	500045995
		Sampled By:	Carol Koziar
Date Order Received:	9/29/2023	Analysis Started:	10/2/2023
Arrival Temperature:	16 °C	Analysis Completed:	10/3/2023

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- BF1 BY RM 105	1933664	Water	Plumbing		9/29/2023	6:30 AM
FLUSHED- BF1 BY RM 105	1933665	Water	Plumbing		9/29/2023	7:05 AM
STANDING- S1 KITCHEN RM 108	1933666	Water	Plumbing		9/29/2023	6:35 AM
FLUSHED- S1 KITCHEN RM 108	1933667	Water	Plumbing		9/29/2023	7:10 AM
STANDING- S3 RM 109	1933668	Water	Plumbing		9/29/2023	6:40 AM
FLUSHED- S3 RM 109	1933669	Water	Plumbing		9/29/2023	7:15 AM
STANDING- S8 STAFF RM 203	1933670	Water	Plumbing		9/29/2023	6:45 AM
FLUSHED- S8 STAFF RM 203	1933671	Water	Plumbing		9/29/2023	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

This report has been approved by:



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WORK ORDER RESULTS

Sample Description	STANDING - BF1 BY RM 105		FLUSHED - BF1 BY RM 105		STANDING - S1 KITCHEN RM 108		FLUSHED - S1 KITCHEN RM 108			
Sample Date	9/29/2023 6:30 AM		9/29/2023 7:05 AM		9/29/2023 6:35 AM		9/29/2023 7:10 AM			
Lab ID	1933664		1933665		1933666		1933667			
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 - S3 RM 109		FLUSHED - S3 RM 109		STANDING - S8 STAFF RM 203		FLUSHED - S8 STAFF RM 203			
Sample Date	9/29/2023 6:40 AM		9/29/2023 7:15 AM		9/29/2023 6:45 AM		9/29/2023 7:20 AM			
Lab ID	1933668		1933669		1933670		1933671			
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	<0.1	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.

Organic Soil Analysis: Data reported for organic analysis in soils samples are corrected for moisture content.

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	20231003.A13.1B	
Lead	0.1	ug/L	0	<0.1	0.3	20231003.A13.1C	
Positive Control: LFB-7 (N 100 µg/L) (7)							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	%	85	94.2	115	20231003.A13.1C	
Lead	N/A	%	85	95.6	115	20231003.A13.1B	
Reference Sample: CRM-12 (EP-L-3) (12)							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	1	ug/L	2.58	4.01	5.38	20231003.A13.1B	
Lead	1	ug/L	2.58	4.03	5.38	20231003.A13.1C	
Sample Spike: LFMS-9 (N 100 µg/L) (9)							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	% Rec	70	91.3	130	20231003.A13.1C	
Lead	N/A	% Rec	70	92.9	130	20231003.A13.1B	



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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 - BF1 BY RM 105	1933665	ICPMS Reg. Water (A13)	20231003.A13.1B	20231002.A52C
FLUSHED - S1 KITCHEN RM 108	1933667	ICPMS Reg. Water (A13)	20231003.A13.1C	20231002.A52B
FLUSHED - S3 RM 109	1933669	ICPMS Reg. Water (A13)	20231003.A13.1C	20231002.A52B
FLUSHED - S8 STAFF RM 203	1933671	ICPMS Reg. Water (A13)	20231003.A13.1C	20231002.A52B
STANDING - BF1 BY RM 105	1933664	ICPMS Reg. Water (A13)	20231003.A13.1B	20231002.A52C
STANDING - S1 KITCHEN RM 108	1933666	ICPMS Reg. Water (A13)	20231003.A13.1B	20231002.A52C
STANDING - S3 RM 109	1933668	ICPMS Reg. Water (A13)	20231003.A13.1C	20231002.A52B
STANDING - S8 STAFF RM 203	1933670	ICPMS Reg. Water (A13)	20231003.A13.1C	20231002.A52B