

**TESTMARK Laboratories Ltd.***Committed to Quality and Service*

CERTIFICATE OF ANALYSIS

Client: Alain Venne
Company: RDSB - Algonquin Rd. Public School
Address: 408 Wembley Drive
Sudbury, ON, P3E 1P2
Phone/Fax: (705) 919-3531 / (705) 671-2442
Email: vennea@rainbowschools.ca

Work Order Number: 550544
PO #:
Regulation: O.Reg. 243/07
Project #:
DWS #: 500044435
Sampled By: Joe M

Date Order Received: 9/18/2024
Arrival Temperature: 8.5 C

Analysis Started: 9/20/2024
Analysis Completed: 9/23/2024

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-S4 ROOM 20 DAYCARE	2057138	Water	Plumbing		9/17/2024	6:30 AM
FLUSHED-S4 ROOM 20 DAYCARE	2057139	Water	Plumbing		9/17/2024	7:05 AM
STANDING-S5 ROOM 21	2057140	Water	Plumbing		9/17/2024	6:35 AM
FLUSHED-S5 ROOM 21	2057141	Water	Plumbing		9/17/2024	7:10 AM
STANDING-S6 ROOM 22	2057142	Water	Plumbing		9/17/2024	6:35 AM
FLUSHED-S6 ROOM 22	2057143	Water	Plumbing		9/17/2024	7:10 AM
STANDING-BF 03 BY ROOM 32	2057144	Water	Plumbing		9/18/2024	6:30 AM
FLUSHED-BF 03 BY ROOM 32	2057145	Water	Plumbing		9/18/2024	7:05 AM
STANDING-BF 02 BY ROOM 8	2057146	Water	Plumbing		9/18/2024	6:35 AM
FLUSHED-BF 02 BY ROOM 8	2057147	Water	Plumbing		9/18/2024	7:10 AM
STANDING-BF 4 BY ROOM 25	2057148	Water	Plumbing		9/18/2024	6:35 AM
FLUSHED-BF BY ROOM 25	2057149	Water	Plumbing		9/18/2024	7:10 AM

METHODS AND INSTRUMENTATION

THE FOLLOWING METHODS WERE USED FOR YOUR SAMPLE(S):



TESTMARK Laboratories Ltd.

Committed to Quality and Service

CERTIFICATE OF ANALYSIS

RDSB - Algonquin Rd. Public School

Work Order Number: 550544

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:

Brad Halvorson, B.Sc.

Laboratory Director

**TESTMARK Laboratories Ltd.***Committed to Quality and Service***CERTIFICATE OF ANALYSIS**

RDSB - Algonquin Rd. Public School

Work Order Number: 550544

WORK ORDER RESULTS

Sample Description	STANDING - S4 ROOM 20 DAYCARE		FLUSHED - S4 ROOM 20 DAYCARE		STANDING - S5 ROOM 21		FLUSHED - S5 ROOM 21			
Sample Date	9/17/2024 6:30 AM		9/17/2024 7:05 AM		9/17/2024 6:35 AM		9/17/2024 7:10 AM			
Lab ID	2057138		2057139		2057140		2057141			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.7	0.1	0.4	0.1	0.4	0.1	0.3	0.1	ug/L	10
Sample Description	STANDING - S6 ROOM 22		FLUSHED - S6 ROOM 22		STANDING - BF 03 BY ROOM 32		FLUSHED - BF 03 BY ROOM 32			
Sample Date	9/17/2024 6:35 AM		9/17/2024 7:10 AM		9/18/2024 6:30 AM		9/18/2024 7:05 AM			
Lab ID	2057142		2057143		2057144		2057145			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.2	0.1	0.2	0.1	<0.1	0.1	<0.1	0.1	ug/L	10
Sample Description	STANDING - BF 02 BY ROOM 8		FLUSHED - BF 02 BY ROOM 8		STANDING - BF 4 BY ROOM 25		FLUSHED - BF BY ROOM 25			
Sample Date	9/18/2024 6:35 AM		9/18/2024 7:10 AM		9/18/2024 6:35 AM		9/18/2024 7:10 AM			
Lab ID	2057146		2057147		2057148		2057149			
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



TESTMARK Laboratories Ltd.

Committed to Quality and Service

CERTIFICATE OF ANALYSIS

RDSB - Algonquin Rd. Public School

Work Order Number: 550544

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.



TESTMARK Laboratories Ltd.

Committed to Quality and Service

CERTIFICATE OF ANALYSIS

RDSB - Algonquin Rd. Public School

Work Order Number: 550544

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	20240923.A13.1G
Lead	0.1	ug/L	0	<0.1	0.3	20240923.A13.1I

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	85	93.1	115	20240923.A13.1G
Lead	N/A	%	85	94	115	20240923.A13.1I

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	20240923.A13.1G
Lead	1	ug/L	2.58	3.98	5.38	20240923.A13.1I

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	93.1	130	20240923.A13.1I
Lead	N/A	% Rec	70	99.9	130	20240923.A13.1G

**TESTMARK Laboratories Ltd.***Committed to Quality and Service*

CERTIFICATE OF ANALYSIS

RDSB - Algonquin Rd. Public School

Work Order Number: 550544

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 02 BY ROOM 8	2057147	ICPMS Reg. Water (A13)	20240923.A13.1I	20240920.A52P
FLUSHED - BF 03 BY ROOM 32	2057145	ICPMS Reg. Water (A13)	20240923.A13.1I	20240920.A52P
FLUSHED - BF BY ROOM 25	2057149	ICPMS Reg. Water (A13)	20240923.A13.1I	20240920.A52P
FLUSHED - S4 ROOM 20 DAYCARE	2057139	ICPMS Reg. Water (A13)	20240923.A13.1G	20240920.A52O
FLUSHED - S5 ROOM 21	2057141	ICPMS Reg. Water (A13)	20240923.A13.1I	20240920.A52P
FLUSHED - S6 ROOM 22	2057143	ICPMS Reg. Water (A13)	20240923.A13.1I	20240920.A52P
STANDING - BF 02 BY ROOM 8	2057146	ICPMS Reg. Water (A13)	20240923.A13.1I	20240920.A52P
STANDING - BF 03 BY ROOM 32	2057144	ICPMS Reg. Water (A13)	20240923.A13.1I	20240920.A52P
STANDING - BF 4 BY ROOM 25	2057148	ICPMS Reg. Water (A13)	20240923.A13.1I	20240920.A52P
STANDING - S4 ROOM 20 DAYCARE	2057138	ICPMS Reg. Water (A13)	20240923.A13.1G	20240920.A52O
STANDING - S5 ROOM 21	2057140	ICPMS Reg. Water (A13)	20240923.A13.1I	20240920.A52P
STANDING - S6 ROOM 22	2057142	ICPMS Reg. Water (A13)	20240923.A13.1I	20240920.A52P