



CERTIFICATE OF ANALYSIS

Client:	Alain Venne	Work Order Number:	442599
Company:	RDSB - Algonquin Rd. Public School	PO #:	
Address:	408 Wembley Drive Sudbury, ON, P3E 1P2	Regulation:	O.Reg. 243/07
Phone/Fax:	(705) 919-3531 / (705) 671-2442	Project #:	
Email:	vennea@rainbowschools.ca	DWS #:	500044435
		Sampled By:	Joe M
Date Order Received:	9/15/2021	Analysis Started:	9/24/2021
Arrival Temperature:	11.5 °C	Analysis Completed:	9/24/2021

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-S2 Room 10	1683838	Water	Plumbing		9/15/2021	6:30 AM
Flushed-S2 Room 10	1683839	Water	Plumbing		9/15/2021	7:05 AM
Standing-S4 Room 20	1683840	Water	Plumbing		9/15/2021	6:35 AM
Flushed-S4 Room 20	1683841	Water	Plumbing		9/15/2021	7:10 AM
Standing-BF03 by room 32	1683842	Water	Plumbing		9/15/2021	6:35 AM
Flushed-BF03 by room 32	1683843	Water	Plumbing		9/15/2021	7:10 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



TESTMARK Laboratories Ltd.

Committed to Quality and Service

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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 - S2 Room 10		Flushed - S2 Room 10		Standing - S4 Room 20		Flushed - S4 Room 20			
Sample Date	9/15/2021 6:30 AM		9/15/2021 7:05 AM		9/15/2021 6:35 AM		9/15/2021 7:10 AM			
Lab ID	1683838		1683839		1683840		1683841			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.4	0.1	0.1	0.1	0.3	0.1	0.2	0.1	ug/L	10

Sample Description	Standing - BF03 by room 32		Flushed - BF03 by room 32			
Sample Date	9/15/2021 6:35 AM		9/15/2021 7:10 AM			
Lab ID	1683842		1683843			
Metals	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.5	0.1	0.7	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.

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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	1	20210924.A13.1C
Lead	0.1	ug/L	0	<0.1	1	20210924.A13.1D
Lead	0.1	ug/L	0	<0.1	1	20210924.A13.1E

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	95.2	120	20210924.A13.1E
Lead	N/A	%	80	95.8	120	20210924.A13.1D
Lead	N/A	%	80	96.6	120	20210924.A13.1C

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.58	3.89	5.38	20210924.A13.1C
Lead	1	ug/L	2.58	3.97	5.38	20210924.A13.1D
Lead	1	ug/L	2.58	3.99	5.38	20210924.A13.1E

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	90.3	130	20210924.A13.1D
Lead	N/A	% Rec	70	91.5	130	20210924.A13.1E
Lead	N/A	% Rec	70	91.9	130	20210924.A13.1C



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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 - BF03 by room 32	1683843	ICPMS Reg. Water (A13)	20210924.A13.1C	20210922.A52U
Flushed - S2 Room 10	1683839	ICPMS Reg. Water (A13)	20210924.A13.1E	20210923.A52N
Flushed - S4 Room 20	1683841	ICPMS Reg. Water (A13)	20210924.A13.1D	20210922.A52V
Standing - BF03 by room 32	1683842	ICPMS Reg. Water (A13)	20210924.A13.1D	20210922.A52V
Standing - S2 Room 10	1683838	ICPMS Reg. Water (A13)	20210924.A13.1E	20210923.A52N
Standing - S4 Room 20	1683840	ICPMS Reg. Water (A13)	20210924.A13.1D	20210922.A52V