



TESTMARK Laboratories Ltd.

Committed to Quality and Service

CERTIFICATE OF ANALYSIS

Client:	Alain Venne	Work Order Number:	442606
Company:	RDSB - R.L. Beattie 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 #:	500040366
		Sampled By:	Rob Lisi
Date Order Received:	9/15/2021	Analysis Started:	9/23/2021
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-S8 Staff room 001	1683872	Water	Plumbing		9/15/2021	6:30 AM
Flushed-S8 Staff room 001	1683873	Water	Plumbing		9/15/2021	7:05 AM
Standing-BF 7 by Gym	1683874	Water	Plumbing		9/15/2021	6:35 AM
Flushed-BF 7 by Gym	1683875	Water	Plumbing		9/15/2021	7:10 AM
Standing-BF 8 by Room 205	1683876	Water	Plumbing		9/15/2021	6:35 AM
Flushed-BF 8 by Room 205	1683877	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



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RDSB - R.L. Beattie Public School

Work Order Number: 442606

This report has been approved by:

Mahesh Patel, B.Sc.
Laboratory Director



CERTIFICATE OF ANALYSIS

RDSB - R.L. Beattie Public School

Work Order Number: 442606

WORK ORDER RESULTS

Sample Description	Standing - S8 Staff room 001		Flushed - S8 Staff room 001		Standing - BF 7 by Gym		Flushed - BF 7 by Gym			
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	1683872		1683873		1683874		1683875			
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]	0.1	ug/L	10

Sample Description	Standing - BF 8 by Room 205		Flushed - BF 8 by Room 205			
Sample Date	9/15/2021 6:35 AM		9/15/2021 7:10 AM			
Lab ID	1683876		1683877			
Metals	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	<0.1 [<0.1]	0.1	<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.

[]: 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.

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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	20210923.A13.1B
Lead	0.1	ug/L	0	<0.1	1	20210923.A13.1I
Lead	0.1	ug/L	0	<0.1	1	20210924.A13.1C
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	20210923.A13.1B
Lead	N/A	%	80	96.6	120	20210924.A13.1C
Lead	N/A	%	80	99.9	120	20210923.A13.1I

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	3.91	5.38	20210923.A13.1B
Lead	1	ug/L	2.58	3.99	5.38	20210924.A13.1E
Lead	1	ug/L	2.58	4.29	5.38	20210923.A13.1I

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	103	130	20210923.A13.1I
Lead	N/A	% Rec	70	88.1	130	20210923.A13.1B
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 - BF 7 by Gym	1683875	ICPMS Reg. Water (A13)	20210924.A13.1C	20210922.A52U
Flushed - BF 7 by Gym	1683875r	ICPMS Reg. Water (A13)	20210924.A13.1C	20210922.A52U
Flushed - BF 8 by Room 205	1683877	ICPMS Reg. Water (A13)	20210923.A13.1B	20210921.A52Z
Flushed - BF 8 by Room 205	1683877r	ICPMS Reg. Water (A13)	20210923.A13.1B	20210921.A52Z
Flushed - S8 Staff room 001	1683873	ICPMS Reg. Water (A13)	20210924.A13.1E	20210923.A52N
Flushed - S8 Staff room 001	1683873r	ICPMS Reg. Water (A13)	20210924.A13.1E	20210923.A52N
Standing - BF 7 by Gym	1683874	ICPMS Reg. Water (A13)	20210924.A13.1C	20210922.A52U
Standing - BF 8 by Room 205	1683876	ICPMS Reg. Water (A13)	20210923.A13.1I	20210922.A52X
Standing - BF 8 by Room 205	1683876r	ICPMS Reg. Water (A13)	20210923.A13.1I	20210922.A52X
Standing - S8 Staff room 001	1683872	ICPMS Reg. Water (A13)	20210924.A13.1E	20210923.A52N