



TESTMARK Laboratories Ltd.

Committed to Quality and Service

CERTIFICATE OF ANALYSIS

Client:	Alain Venne	Work Order Number:	442594
Company:	RDSB - Princess Anne Public 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:	vennea@rainbowschools.ca	DWS #:	500053418
		Sampled By:	Sonia Howard
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-S6 room 138	1683818	Water	Plumbing		9/14/2021	6:30 AM
Flushed-S6 room 138	1683819	Water	Plumbing		9/14/2021	7:05 AM
Standing-S7 room 123	1683820	Water	Plumbing		9/14/2021	6:30 AM
Flushed-S7 room 123	1683821	Water	Plumbing		9/14/2021	7:05 AM
Standing-BF 10 by room 214	1683822	Water	Plumbing		9/14/2021	6:35 AM
Flushed-BF 10 by room 214	1683823	Water	Plumbing		9/14/2021	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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This report has been approved by:

Mahesh Patel, B.Sc.
Laboratory Director



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WORK ORDER RESULTS

Sample Description	Standing - S6 room 138		Flushed - S6 room 138		Standing - S7 room 123		Flushed - S7 room 123			
Sample Date	9/14/2021 6:30 AM		9/14/2021 7:05 AM		9/14/2021 6:30 AM		9/14/2021 7:05 AM			
Lab ID	1683818		1683819		1683820		1683821			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	<0.1	0.1	0.4	0.1	0.1	0.1	<0.1	0.1	ug/L	10

Sample Description	Standing - BF 10 by room 214		Flushed - BF 10 by room 214			
Sample Date	9/14/2021 6:35 AM		9/14/2021 7:10 AM			
Lab ID	1683822		1683823			
Metals	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	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.

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.A13.1F

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	95.8	120	20210924.A13.1D
Lead	N/A	%	80	96.3	120	20210924.A13.1F
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	4.02	5.38	20210924.A13.1F

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	89.7	130	20210924.A13.1F
Lead	N/A	% Rec	70	90.3	130	20210924.A13.1D
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 10 by room 214	1683823	ICPMS Reg. Water (A13)	20210924.A13.1F	20210923.A52M
Flushed - S6 room 138	1683819	ICPMS Reg. Water (A13)	20210924.A13.1D	20210922.A52V
Flushed - S7 room 123	1683821	ICPMS Reg. Water (A13)	20210924.A13.1C	20210922.A52U
Standing - BF 10 by room 214	1683822	ICPMS Reg. Water (A13)	20210924.A13.1F	20210923.A52M
Standing - S6 room 138	1683818	ICPMS Reg. Water (A13)	20210924.A13.1C	20210922.A52U
Standing - S7 room 123	1683820	ICPMS Reg. Water (A13)	20210924.A13.1C	20210922.A52U