



TESTMARK Laboratories Ltd.

Committed to Quality and Service

CERTIFICATE OF ANALYSIS

Client:	Lisa Polano	Work Order Number:	442191
Company:	RDSB - Lockerby Composite 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:	polanol@rainbowschools.ca	DWS #:	500040314
		Sampled By:	illegible
Date Order Received:	9/13/2021	Analysis Started:	9/20/2021
Arrival Temperature:	6 °C	Analysis Completed:	9/20/2021

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-BF-1 by 114	1682217	Water	Plumbing		9/12/2021	6:00 AM
Flushed-BF-1 by 114	1682218	Water	Plumbing		9/12/2021	6:35 AM
Standing-T-1 Servery	1682219	Water	Plumbing		9/12/2021	6:05 AM
Flushed-T-1 Servery	1682220	Water	Plumbing		9/12/2021	6:40 AM
Standing-BF-2 by rm 87	1682221	Water	Plumbing		9/12/2021	6:10 AM
Flushed-BF-2 by rm 87	1682222	Water	Plumbing		9/12/2021	6:45 AM
Standing-T-5 rm 223	1682223	Water	Plumbing		9/12/2021	6:15 AM
Flushed-T-5 rm 223	1682224	Water	Plumbing		9/12/2021	6:50 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 - BF - 1 by 114		Flushed - BF - 1 by 114		Standing - T - 1 Servery		Flushed - T - 1 Servery			
Sample Date	9/12/2021 6:00 AM		9/12/2021 6:35 AM		9/12/2021 6:05 AM		9/12/2021 6:40 AM			
Lab ID	1682217		1682218		1682219		1682220			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	<0.1	0.1	<0.1	0.1	0.7	0.1	0.7	0.1	ug/L	10

Sample Description	Standing - BF - 2 by rm 87		Flushed - BF - 2 by rm 87		Standing - T - 5 rm 223		Flushed - T - 5 rm 223			
Sample Date	9/12/2021 6:10 AM		9/12/2021 6:45 AM		9/12/2021 6:15 AM		9/12/2021 6:50 AM			
Lab ID	1682221		1682222		1682223		1682224			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	<0.1	0.1	<0.1	0.1	0.7	0.1	0.5	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	20210920.A13.1C
Lead	0.1	ug/L	0	<0.1	1	20210920.A13.1E

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	95.7	120	20210920.A13.1E
Lead	N/A	%	80	97.6	120	20210920.A13.1C

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	20210920.A13.1C
Lead	1	ug/L	2.58	4.1	5.38	20210920.A13.1E

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	92.1	130	20210920.A13.1E
Lead	N/A	% Rec	70	96.9	130	20210920.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 - 1 by 114	1682218	ICPMS Reg. Water (A13)	20210920.A13.1C	20210915.A52U
Flushed - BF - 2 by rm 87	1682222	ICPMS Reg. Water (A13)	20210920.A13.1E	20210915.A52V
Flushed - T - 1 Servery	1682220	ICPMS Reg. Water (A13)	20210920.A13.1E	20210915.A52V
Flushed - T - 5 rm 223	1682224	ICPMS Reg. Water (A13)	20210920.A13.1E	20210915.A52V
Standing - BF - 1 by 114	1682217	ICPMS Reg. Water (A13)	20210920.A13.1C	20210915.A52U
Standing - BF - 2 by rm 87	1682221	ICPMS Reg. Water (A13)	20210920.A13.1C	20210915.A52U
Standing - T - 1 Servery	1682219	ICPMS Reg. Water (A13)	20210920.A13.1C	20210915.A52U
Standing - T - 5 rm 223	1682223	ICPMS Reg. Water (A13)	20210920.A13.1C	20210915.A52U