



TESTMARK Laboratories Ltd.

Committed to Quality and Service

CERTIFICATE OF ANALYSIS

Client:	Lisa Polano	Work Order Number:	442353
Company:	RDSB - Redwood Acres 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:	polanol@rainbowschools.ca	DWS #:	500046099
		Sampled By:	Jeanmarc Lacher
Date Order Received:	9/14/2021	Analysis Started:	9/21/2021
Arrival Temperature:	15 °C	Analysis Completed:	9/22/2021

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 - Daycare T-3 Room 6	1682886	Water	Plumbing		9/14/2021	6:00 AM
Flushed - Daycare T-3 Room 6	1682887	Water	Plumbing		9/14/2021	6:35 AM
Standing - T-2 Room F1	1682888	Water	Plumbing		9/14/2021	6:05 AM
Flushed - T-2 Room F1	1682889	Water	Plumbing		9/14/2021	6:40 AM
Standing - BF-2 By rm L	1682890	Water	Plumbing		9/14/2021	6:10 AM
Flushed - BF-2 By rm L	1682891	Water	Plumbing		9/14/2021	6:45 AM
Standing - F-2 By rm 8	1682892	Water	Plumbing		9/14/2021	6:15 AM
Flushed - F-2 By rm 8	1682893	Water	Plumbing		9/14/2021	6:50 AM
Standing - BF-01 By C3	1682894	Water	Plumbing		9/14/2021	6:20 AM
Flushed - BF-01 By C3	1682895	Water	Plumbing		9/14/2021	6:55 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 - Daycare T - 3 Room 6		Flushed - Daycare T - 3 Room 6		Standing - T - 2 Room F1		Flushed - T - 2 Room F1			
Sample Date	9/14/2021 6:00 AM		9/14/2021 6:35 AM		9/14/2021 6:05 AM		9/14/2021 6:40 AM			
Lab ID	1682886		1682887		1682888		1682889			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	2.6	0.1	1.3	0.1	2.1	0.1	1.4	0.1	ug/L	10
Sample Description	Standing - BF - 2 By rm L		Flushed - BF - 2 By rm L		Standing - F - 2 By rm 8		Flushed - F - 2 By rm 8			
Sample Date	9/14/2021 6:10 AM		9/14/2021 6:45 AM		9/14/2021 6:15 AM		9/14/2021 6:50 AM			
Lab ID	1682890		1682891		1682892		1682893			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	<0.1	0.1	<0.1	0.1	7.5	0.1	3.8 [3.9]	0.1	ug/L	10
Sample Description	Standing - BF - 01 By C3		Flushed - BF - 01 By C3							
Sample Date	9/14/2021 6:20 AM		9/14/2021 6:55 AM							
Lab ID	1682894		1682895							
Metals	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07				
Lead	<0.1	0.1	<0.1	0.1	ug/L	10				



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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	20210921.A13.1F
Lead	0.1	ug/L	0	<0.1	1	20210922.A13.1C
Lead	0.1	ug/L	0	<0.1	1	20210922.A13.1D

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	95.9	120	20210921.A13.1F
Lead	N/A	%	80	96.6	120	20210922.A13.1D
Lead	N/A	%	80	97.4	120	20210922.A13.1C

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.58	4.02	5.38	20210921.A13.1F
Lead	1	ug/L	2.58	4.04	5.38	20210922.A13.1C
Lead	1	ug/L	2.58	4.06	5.38	20210922.A13.1D

Sample Replicate: % RPD (4)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	0	2.6	20	20210921.A13.1F

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	95.7	130	20210922.A13.1D
Lead	N/A	% Rec	70	97.5	130	20210921.A13.1F
Lead	N/A	% Rec	70	98.3	130	20210922.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 - 01 By C3	1682895	ICPMS Reg. Water (A13)	20210922.A13.1C	20210921.A52X
Flushed - BF - 2 By rm L	1682891	ICPMS Reg. Water (A13)	20210922.A13.1D	20210921.A52W
Flushed - Daycare T - 3 Room 6	1682887	ICPMS Reg. Water (A13)	20210922.A13.1D	20210921.A52W
Flushed - F - 2 By rm 8	1682893	ICPMS Reg. Water (A13)	20210921.A13.1F	20210917.A52T
Flushed - F - 2 By rm 8	1682893r	ICPMS Reg. Water (A13)	20210921.A13.1F	20210917.A52T
Flushed - T - 2 Room F1	1682889	ICPMS Reg. Water (A13)	20210922.A13.1D	20210921.A52W
Standing - BF - 01 By C3	1682894	ICPMS Reg. Water (A13)	20210922.A13.1D	20210921.A52W
Standing - BF - 2 By rm L	1682890	ICPMS Reg. Water (A13)	20210922.A13.1D	20210921.A52W
Standing - Daycare T - 3 Room 6	1682886	ICPMS Reg. Water (A13)	20210922.A13.1D	20210921.A52W
Standing - F - 2 By rm 8	1682892	ICPMS Reg. Water (A13)	20210921.A13.1F	20210917.A52T
Standing - T - 2 Room F1	1682888	ICPMS Reg. Water (A13)	20210922.A13.1D	20210921.A52W