



TESTMARK Laboratories Ltd.

Committed to Quality and Service

CERTIFICATE OF ANALYSIS

Client: Lisa Polano
Company: RDSB - C.R. Judd Public School
Address: 408 Wembley Drive
Sudbury, ON, P3E 1P2
Phone/Fax: (705) 690-0323 / (705) 671-2442
Email: polanol@rainbowschools.ca

Work Order Number: 442347
PO #:
Regulation: O.Reg. 243/07
Project #:
DWS #: 500040301
Sampled By: Monique Lachance

Date Order Received: 9/14/2021
Arrival Temperature: 15 °C

Analysis Started: 9/21/2021
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-1 Rm 221	1682861	Water	Plumbing		9/14/2021	6:00 AM
Flushed - Daycare T-1 Rm 221	1682862	Water	Plumbing		9/14/2021	6:35 AM
Standing - T-3 Rm 108	1682863	Water	Plumbing	SAMPLE CONTAINED RESULT EXCEEDENCES.	9/14/2021	6:05 AM
Flushed - T-3 Rm108	1682864	Water	Plumbing		9/14/2021	6:40 AM
Standing - F4 beside gym	1682865	Water	Plumbing		9/14/2021	6:10 AM
Flushed - F4 beside gym	1682866	Water	Plumbing		9/14/2021	6:45 AM
Standing - Bf-01 By 229	1682867	Water	Plumbing		9/14/2021	6:15 AM
Flushed - Bf-01 By 229	1682868	Water	Plumbing		9/14/2021	6:50 AM
Standing - F-5 by 223	1682869	Water	Plumbing		9/14/2021	6:25 AM
Flushed - F-5 by 223	1682870	Water	Plumbing		9/14/2021	7:00 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

CERTIFICATE OF ANALYSIS

RDSB - C.R. Judd Public School

Work Order Number: 442347

REPORT COMMENTS

Lead exceedance reported for sample 1682863. 092221 MLS

This report has been approved by:

Mahesh Patel, B.Sc.

Laboratory Director



CERTIFICATE OF ANALYSIS

RDSB - C.R. Judd Public School

Work Order Number: 442347

WORK ORDER RESULTS

Sample Description	Standing - Daycare T - 1 Rm 221		Flushed - Daycare T - 1 Rm 221		Standing - T - 3 Rm 108		Flushed - T - 3 Rm108			
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	1682861		1682862		1682863		1682864			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.2	0.1	<0.1	0.1	19.7	0.1	0.5	0.1	ug/L	10
Sample Description	Standing - F4 beside gym		Flushed - F4 beside gym		Standing - Bf - 01 By 229		Flushed - Bf - 01 By 229			
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	1682865		1682866		1682867		1682868			
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	ug/L	10
Sample Description	Standing - F - 5 by 223		Flushed - F - 5 by 223							
Sample Date	9/14/2021 6:25 AM		9/14/2021 7:00 AM							
Lab ID	1682869		1682870							
Metals	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07				
Lead	2.7	0.1	0.5	0.1	ug/L	10				



TESTMARK Laboratories Ltd.

Committed to Quality and Service

CERTIFICATE OF ANALYSIS

RDSB - C.R. Judd Public School

Work Order Number: 442347

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.

Exceedences: HIGHLIGHTED CELLS INDICATE THAT THE RESULT EXCEEDS A REGULATORY LIMIT. CALCULATED UNCERTAINTY ESTIMATIONS ARE NOT APPLIED FOR DETERMINING SAMPLE EXCEEDANCES.

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.

Reproduction of Report: Report shall not be reproduced, except in full, without the approval of Testmark Laboratories Ltd.



CERTIFICATE OF ANALYSIS

RDSB - C.R. Judd Public School

Work Order Number: 442347

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



CERTIFICATE OF ANALYSIS

RDSB - C.R. Judd Public School

Work Order Number: 442347

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 229	1682868	ICPMS Reg. Water (A13)	20210922.A13.1D	20210921.A52W
Flushed - Daycare T - 1 Rm 221	1682862	ICPMS Reg. Water (A13)	20210922.A13.1D	20210921.A52W
Flushed - F - 5 by 223	1682870	ICPMS Reg. Water (A13)	20210922.A13.1D	20210921.A52W
Flushed - F4 beside gym	1682866	ICPMS Reg. Water (A13)	20210921.A13.1F	20210917.A52T
Flushed - T - 3 Rm108	1682864	ICPMS Reg. Water (A13)	20210922.A13.1C	20210921.A52X
Standing - Bf - 01 By 229	1682867	ICPMS Reg. Water (A13)	20210921.A13.1F	20210917.A52T
Standing - Daycare T - 1 Rm 221	1682861	ICPMS Reg. Water (A13)	20210921.A13.1F	20210917.A52T
Standing - F - 5 by 223	1682869	ICPMS Reg. Water (A13)	20210922.A13.1D	20210921.A52W
Standing - F4 beside gym	1682865	ICPMS Reg. Water (A13)	20210922.A13.1D	20210921.A52W
Standing - T - 3 Rm 108	1682863	ICPMS Reg. Water (A13)	20210922.A13.1C	20210921.A52X