



**TESTMARK Laboratories Ltd.**

Committed to Quality and Service

## CERTIFICATE OF ANALYSIS

Client:	Lisa Polano	Work Order Number:	442202
Company:	RDSB - Chelmsford P.S.	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 #:	500046073
		Sampled By:	Lisa Polano
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-Daycare T-3 Rm 2	1682273	Water	Plumbing		9/11/2021	10:00 AM
Flushed-Daycare T-3 Rm 2	1682274	Water	Plumbing		9/11/2021	10:35 AM
Standing-Daycare T-4 Rm 4	1682275	Water	Plumbing		9/11/2021	10:05 AM
Flushed-Daycare T-4 Rm 4	1682276	Water	Plumbing		9/11/2021	10:40 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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## CERTIFICATE OF ANALYSIS

RDSB - Chelmsford P.S.

Work Order Number: 442202

This report has been approved by:

Mahesh Patel, B.Sc.

Laboratory Director



## CERTIFICATE OF ANALYSIS

RDSB - Chelmsford P.S.

Work Order Number: 442202

### WORK ORDER RESULTS

Sample Description	Standing - Daycare T - 3 Rm 2		Flushed - Daycare T - 3 Rm 2		Standing - Daycare T - 4 Rm 4		Flushed - Daycare T - 4 Rm 4			
Sample Date	9/11/2021 10:00 AM		9/11/2021 10:35 AM		9/11/2021 10:05 AM		9/11/2021 10:40 AM			
Lab ID	1682273		1682274		1682275		1682276			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.6	0.1	0.3	0.1	1.0	0.1	0.4 [0.4]	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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**CERTIFICATE OF ANALYSIS**

RDSB - Chelmsford P.S.

Work Order Number: 442202

**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	

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 - Daycare T - 3 Rm 2	1682274	ICPMS Reg. Water (A13)	20210920.A13.1E	20210915.A52V
Flushed - Daycare T - 4 Rm 4	1682276	ICPMS Reg. Water (A13)	20210920.A13.1C	20210915.A52U
Flushed - Daycare T - 4 Rm 4	1682276r	ICPMS Reg. Water (A13)	20210920.A13.1C	20210915.A52U
Standing - Daycare T - 3 Rm 2	1682273	ICPMS Reg. Water (A13)	20210920.A13.1E	20210915.A52V
Standing - Daycare T - 4 Rm 4	1682275	ICPMS Reg. Water (A13)	20210920.A13.1C	20210915.A52U