



**TESTMARK Laboratories Ltd.**

Committed to Quality and Service

## CERTIFICATE OF ANALYSIS

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Work Order Number: 535124  
PO #:   
Regulation: O.Reg. 243/07  
Project #:   
DWS #: 500045787  
Sampled By: Helen Tremblay

Date Order Received: 5/21/2024  
Arrival Temperature: 11.5 C

Analysis Started: 5/23/2024  
Analysis Completed: 5/24/2024

### 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-6 Rm 122	2007118	Water	Plumbing		5/21/2024	6:00 AM
Flushed Daycare T-6 Rm 122	2007119	Water	Plumbing		5/21/2024	6:35 AM
Standing- F-1 By 151A	2007120	Water	Plumbing		5/21/2024	6:05 AM
Flushed F-1 By 151A	2007121	Water	Plumbing		5/21/2024	6:40 AM
Standing- T-4 Rm 146	2007122	Water	Plumbing		5/21/2024	6:10 AM
Flushed T-4 Rm 146	2007123	Water	Plumbing		5/21/2024	6:45 AM
Standing- T-5 Rm 149 B	2007124	Water	Plumbing		5/21/2024	6:15 AM
Flushed T-5 Rm 149 B	2007125	Water	Plumbing	SAMPLE CONTAINED RESULT EXCEEDENCES.	5/21/2024	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

### REPORT COMMENTS

Lead exceedance reported on sample 2007125 on May 24, 2024. 114 ug/L. BW 05/24/24



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This report has been approved by:

Brad Halvorson, B.Sc.  
Laboratory Director

**WORK ORDER RESULTS**

Sample Description	Standing Daycare T - 6 Rm 122		Flushed Daycare T - 6 Rm 122		Standing - F - 1 By 151A		Flushed F - 1 By 151A			
Sample Date	5/21/2024 6:00 AM		5/21/2024 6:35 AM		5/21/2024 6:05 AM		5/21/2024 6:40 AM			
Lab ID	2007118		2007119		2007120		2007121			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.2	0.1	0.1	0.1	1.2	0.1	0.8	0.1	ug/L	10
Sample Description	Standing - T - 4 Rm 146		Flushed T - 4 Rm 146		Standing - T - 5 Rm 149 B		Flushed T - 5 Rm 149 B			
Sample Date	5/21/2024 6:10 AM		5/21/2024 6:45 AM		5/21/2024 6:15 AM		5/21/2024 6:50 AM			
Lab ID	2007122		2007123		2007124		2007125			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.9	0.1	1.1	0.1	4.2	0.1	114.0	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.

Organic Soil Analysis: Data reported for organic analysis in soils samples are corrected for moisture content.

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.

ICPMS Dustfall Insoluble: The ICPMS Dustfall Insoluble Portion method analyzes only the particulate matter from the Dustfall Sampler which is retained on the analysis filter during the Dustfall method.

Regulation Comparisons: Disclaimer: Please note that regulation criteria are provided for comparative purposes, however the onus on ensuring the validity of this comparison rests with the client.



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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						
<b>Method Blank: LRB-6 (Blank) (6)</b>						
Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	0.1	ug/L	0	<0.1	0.3	20240524.A13.1F
<b>Positive Control: LFB-7 (N 100 µg/L) (7)</b>						
Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	85	93.8	115	20240524.A13.1F
<b>Reference Sample: CRM-12 (EP-L-3) (12)</b>						
Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.58	4.02	5.38	20240524.A13.1F
<b>Sample Spike: LFMS-9 (N 100 µg/L) (9)</b>						
Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	94.5	130	20240524.A13.1F

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 - 6 Rm 122	2007119	ICPMS Reg. Water (A13)	20240524.A13.1F	20240523.A52ZP
Flushed F - 1 By 151A	2007121	ICPMS Reg. Water (A13)	20240524.A13.1F	20240523.A52ZP
Flushed T - 4 Rm 146	2007123	ICPMS Reg. Water (A13)	20240524.A13.1F	20240523.A52ZP
Flushed T - 5 Rm 149 B	2007125	ICPMS Reg. Water (A13)	20240524.A13.1F	20240523.A52ZP
Standing - F - 1 By 151A	2007120	ICPMS Reg. Water (A13)	20240524.A13.1F	20240523.A52ZP
Standing - T - 4 Rm 146	2007122	ICPMS Reg. Water (A13)	20240524.A13.1F	20240523.A52ZP
Standing - T - 5 Rm 149 B	2007124	ICPMS Reg. Water (A13)	20240524.A13.1F	20240523.A52ZP
Standing Daycare T - 6 Rm 122	2007118	ICPMS Reg. Water (A13)	20240524.A13.1F	20240523.A52ZP