



TESTMARK Laboratories Ltd.

Committed to Quality and Service

CERTIFICATE OF ANALYSIS

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Work Order Number: 442591
PO #:
Regulation: O.Reg. 243/07
Project #:
DWS #: 500053418
Sampled By: Sonia Howard

Date Order Received: 9/15/2021
Arrival Temperature: 11.5 °C

Analysis Started: 9/24/2021
Analysis Completed: 9/24/2021

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-S3 room 184	1683809	Water	Plumbing		9/15/2021	6:30 AM
Flushed-S3 room 184	1683810	Water	Plumbing		9/15/2021	7:05 AM
Standing-S4 room 186	1683811	Water	Plumbing		9/15/2021	6:30 AM
Flushed-S4 room 186	1683812	Water	Plumbing		9/15/2021	7:05 AM
Standing-S5 room 140	1683813	Water	Plumbing		9/15/2021	6:35 AM
Flushed-S5 room 140	1683814	Water	Plumbing		9/15/2021	7:10 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 - S3 room 184		Flushed - S3 room 184		Standing - S4 room 186		Flushed - S4 room 186			
Sample Date	9/15/2021 6:30 AM		9/15/2021 7:05 AM		9/15/2021 6:30 AM		9/15/2021 7:05 AM			
Lab ID	1683809		1683810		1683811		1683812			
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 - S5 room 140		Flushed - S5 room 140			
Sample Date	9/15/2021 6:35 AM		9/15/2021 7:10 AM			
Lab ID	1683813		1683814			
Metals	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.3	0.1	<0.1	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	20210924.A13.1D
Lead	0.1	ug/L	0	<0.1	1	20210924.A13.1E
Lead	0.1	ug/L	0	<0.1	1	20210924.A13.1F

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	95.2	120	20210924.A13.1E
Lead	N/A	%	80	95.8	120	20210924.A13.1D
Lead	N/A	%	80	96.3	120	20210924.A13.1F

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.58	3.97	5.38	20210924.A13.1D
Lead	1	ug/L	2.58	3.99	5.38	20210924.A13.1E
Lead	1	ug/L	2.58	4.02	5.38	20210924.A13.1F

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	89.7	130	20210924.A13.1F
Lead	N/A	% Rec	70	90.3	130	20210924.A13.1D
Lead	N/A	% Rec	70	91.5	130	20210924.A13.1E



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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 - S3 room 184	1683810	ICPMS Reg. Water (A13)	20210924.A13.1F	20210923.A52M
Flushed - S4 room 186	1683812	ICPMS Reg. Water (A13)	20210924.A13.1E	20210923.A52N
Flushed - S5 room 140	1683814	ICPMS Reg. Water (A13)	20210924.A13.1D	20210922.A52V
Standing - S3 room 184	1683809	ICPMS Reg. Water (A13)	20210924.A13.1F	20210923.A52M
Standing - S4 room 186	1683811	ICPMS Reg. Water (A13)	20210924.A13.1E	20210923.A52N
Standing - S5 room 140	1683813	ICPMS Reg. Water (A13)	20210924.A13.1D	20210922.A52V