



TESTMARK Laboratories Ltd.

Committed to Quality and Service

CERTIFICATE OF ANALYSIS

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Work Order Number: 374912
PO #:
Regulation: O.Reg. 243/07
Project #:
DWS #: 500045878
Sampled By: Lisa Polano

Date Order Received: 6/14/2019
Arrival Temperature: 14 °C

Analysis Started: 6/19/2019
Analysis Completed: 6/20/2019

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 - Sink 103	1447435	Water	Plumbing		6/14/2019	6:30 AM
Flushed - Sink 103	1447436	Water	Plumbing		6/14/2019	7:05 AM
Stand Daycare 101	1447437	Water	Plumbing		6/14/2019	6:00 AM
Flush Daycare 101	1447438	Water	Plumbing		6/14/2019	6:35 AM
Stand Hub 105	1447439	Water	Plumbing		6/14/2019	6:00 AM
Flush Hub 105	1447440	Water	Plumbing		6/14/2019	6:35 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:

Khaled Omari, Ph.D.

Laboratory Director



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WORK ORDER RESULTS

Sample Description	Standing - Sink 103		Flushed - Sink 103		Stand Daycare 101		Flush Daycare 101			
Lab ID	1447435		1447436		1447437		1447438			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	1.2	0.1	0.3	0.1	0.3	0.1	<0.1	0.1	ug/L	10

Sample Description	Stand Hub 105		Flush Hub 105			
Lab ID	1447439		1447440			
Metals	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	1.3	0.1	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.

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.

Benzo(b)fluoranthene: Results for benzo(b)fluoranthene may include contributions from benzo(j)fluoranthene.

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.



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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- µg/L) (6)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	0	<1	1	20190620.A13.1C

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	85.3	120	20190620.A13.1C

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	3.65	3.8	4.35	20190620.A13.1C

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	90.3	130	20190620.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
Flush Daycare 101	1447438	ICPMS Reg. Water (A13)	20190620.A13.1C	20190619.A52J
Flush Hub 105	1447440	ICPMS Reg. Water (A13)	20190620.A13.1C	20190619.A52J
Flushed - Sink 103	1447436	ICPMS Reg. Water (A13)	20190620.A13.1C	20190619.A52J
Stand Daycare 101	1447437	ICPMS Reg. Water (A13)	20190620.A13.1C	20190619.A52J
Stand Hub 105	1447439	ICPMS Reg. Water (A13)	20190620.A13.1C	20190619.A52J
Standing - Sink 103	1447435	ICPMS Reg. Water (A13)	20190620.A13.1C	20190619.A52J