

April 11, 2016

ATC Associates
46555 Humboldt Dr.
Suite 100
Novi, MI 48377

Subject: Keidan ES
188BS16170

Dear Mr. Smith :

Thank you for making Brighton Analytical, L.L.C. your laboratory of choice. Attached are the results for the samples submitted on 04/04/2016 for the above mentioned project. NELAP/TNI Accredited Analysis and MDEQ Drinking Water Certified Analysis will be identified in their respective reporting formats. Hard copies can be supplied at your request for a fee of \$20.00 per copy.

The invoice for this project will be emailed separately. If you have any questions concerning the data or invoice, please don't hesitate to contact our office. We welcome your comments and suggestions to improve our quality systems. Please reference Brighton Analytical, L.L.C. Project ID 38344 when calling or emailing. We thank you for this opportunity to partner with you on this project and hope to work with you again in the future.

Sincerely,
Brighton Analytical, L.L.C.





Brighton Analytical LLC
 2105 Pless Drive
 Brighton, Michigan 48114
 Phone: (810)229-7575 (810)229-8650
 e-mail: bai-brighton@sbcglobal.net
 MDNRE Certified #9404
 NELAC Accredited #176507

Sample Date/Time: 4/1/2016 09:08
 Submit Date/Time: 4/4/2016 12:00
 Report Date: 4/11/2016

ATC Associates
 46555 Humboldt Dr.
 Suite 100
 Novi, MI 48377

BA Project # **38344**
 BA Sample ID **CC09026**

Project Name: **Keidan ES**
 Project Number: **188BS16170**
 Sample ID: **1-KS-P-KE-Kitchen**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	180	ug/L	20	1300	EPA 200.8 rev5.4	13:36	04/08/2016
Total Lead (Drinking Water)	2	ug/L	1	15	EPA 200.8 rev5.4	13:36	04/08/2016

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.

Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by 
 Date 4/11/16



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Sample Date/Time: 4/1/2016 09:11
 Submit Date/Time: 4/4/2016 12:00
 Report Date: 4/11/2016

ATC Associates
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 Novi, MI 48377

BA Project # **38344**
 BA Sample ID **CC09028**

Project Name: **Keidan ES**
 Project Number: **188BS16170**
 Sample ID: **2-DWF-P-KE-Hall @ S Locker**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	300	ug/L	20	1300	EPA 200.8 rev5.4	13:41	04/08/2016
Total Lead (Drinking Water)	2	ug/L	1	15	EPA 200.8 rev5.4	13:41	04/08/2016

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.

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Sample Date/Time: 4/1/2016 09:15
 Submit Date/Time: 4/4/2016 12:00
 Report Date: 4/11/2016

ATC Associates
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 Novi, MI 48377

BA Project # **38344**
 BA Sample ID **CC09030**

Project Name: **Keidan ES**
 Project Number: **188BS16170**
 Sample ID: **3-KS-P-KE-Office Storage**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	480	ug/L	20	1300	EPA 200.8 rev5.4	13:45	04/08/2016
Total Lead (Drinking Water)	2	ug/L	1	15	EPA 200.8 rev5.4	13:45	04/08/2016

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.

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BRIGHTON ANALYTICAL, LLC

QUALITY ASSURANCE/QUALITY
CONTROL

ICP-MS

EPA METHOD 200.8/6020

REPRESENTATIVE BATCH PRECISION AND ACCURACY QUALITY CONTROL SUMMARY

Analysis Date: 4/8/2016

Standard ID: 033116 H2O

Batch: 4/6/2016 W1

Matrix Spike Lab ID: CC09014

Matrix: Total

Analyst: LT

Metals	Matrix Spike - Precision *			Matrix Spike - Accuracy**				Miscellaneous***		
	Matrix Spike (ug/L)	Matrix Spike Dup (ug/L)	RPD (%)	Spk Conc (ug/L)	MS Recovery (%)	MSD Recovery (%)	Sample Conc (ug/L)	Method Blk (ug/L)	LCS-Method STD (%)	Ind. Std. SPEX 1&3 (%)
Sodium	15034	14778	1.7	10000	100.1	97.6	5020	<1000	95.5	90.4
Potassium	10730	10494	2.2	10000	93.0	90.6	1434	<100	97.5	94.7
Copper	1531	1507	1.6	1000	97.8	95.4	553	<1	98.0	96.0
Arsenic	976	985	0.9	1000	97.6	98.5	0	<1	95.5	92.4
Lead	935	926	1.0	1000	93.5	92.6	0	<1	95.2	91.1

* Matrix spike precision range +/- 20% RPD

** Matrix spike accuracy range +/- 30% recovery

*** LCS accuracy range +/- 15% recovery / Ind std accuracy range +/- 10% recovery

Comments: _____