



Microbac Laboratories, Inc. - Baltimore

CERTIFICATE OF ANALYSIS

18J0927

SaLUT, Inc.

Project Name: Clarksville Middle School

Azzam Jawad
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Washington, DC 20002

Project / PO Number: 18-058
Received: 10/15/2018
Reported: 10/25/2018

Analytical Testing Parameters

Table with 2 columns: Client Sample ID: CMS-01, Sample Matrix: Drinking Water, Lab Sample ID: 18J0927-01; Collected By: Customer, Collection Date: 10/13/2018 5:42

Metals, Total by EPA 200 Series Methods

Method: EPA 200.2/EPA 200.8

Table with 9 columns: Lead, Result: 3.7, Limit(s): 15.0, RL: 1.0, Units: ppb, Note, Prepared: 10/16/18 0956, Analyzed: 10/16/18 1142, Analyst: GHW

Table with 2 columns: Client Sample ID: CMS-02, Sample Matrix: Drinking Water, Lab Sample ID: 18J0927-02; Collected By: Customer, Collection Date: 10/13/2018 5:43

Metals, Total by EPA 200 Series Methods

Method: EPA 200.2/EPA 200.8

Table with 9 columns: Lead, Result: <1.0, Limit(s): 15.0, RL: 1.0, Units: ppb, Note, Prepared: 10/16/18 0956, Analyzed: 10/16/18 1147, Analyst: GHW

Table with 2 columns: Client Sample ID: CMS-03, Sample Matrix: Drinking Water, Lab Sample ID: 18J0927-03; Collected By: Customer, Collection Date: 10/13/2018 5:44

Metals, Total by EPA 200 Series Methods

Method: EPA 200.2/EPA 200.8

Table with 9 columns: Lead, Result: 1.4, Limit(s): 15.0, RL: 1.0, Units: ppb, Note, Prepared: 10/16/18 0956, Analyzed: 10/16/18 1149, Analyst: GHW

Table with 2 columns: Client Sample ID: CMS-04, Sample Matrix: Drinking Water, Lab Sample ID: 18J0927-04; Collected By: Customer, Collection Date: 10/13/2018 5:46

Metals, Total by EPA 200 Series Methods

Method: EPA 200.2/EPA 200.8

Table with 9 columns: Lead, Result: <1.0, Limit(s): 15.0, RL: 1.0, Units: ppb, Note, Prepared: 10/16/18 0956, Analyzed: 10/16/18 1151, Analyst: GHW



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Client Sample ID: CMS-05	Collected By: Customer
Sample Matrix: Drinking Water	Collection Date: 10/13/2018 5:47
Lab Sample ID: 18J0927-05	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	15.0	1.0	ppb		10/16/18 0956	10/16/18 1153	GHW

Client Sample ID: CMS-06	Collected By: Customer
Sample Matrix: Drinking Water	Collection Date: 10/13/2018 5:52
Lab Sample ID: 18J0927-06	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	15.0	1.0	ppb		10/16/18 0956	10/16/18 1154	GHW

Client Sample ID: CMS-07	Collected By: Customer
Sample Matrix: Drinking Water	Collection Date: 10/13/2018 5:56
Lab Sample ID: 18J0927-07	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	15.0	1.0	ppb		10/16/18 0956	10/16/18 1201	GHW

Client Sample ID: CMS-08	Collected By: Customer
Sample Matrix: Drinking Water	Collection Date: 10/13/2018 5:57
Lab Sample ID: 18J0927-08	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	15.0	1.0	ppb		10/16/18 0956	10/16/18 1203	GHW



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Client Sample ID: CMS-09	Collected By: Customer
Sample Matrix: Drinking Water	Collection Date: 10/13/2018 5:58
Lab Sample ID: 18J0927-09	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	15.0	1.0	ppb		10/16/18 0956	10/16/18 1205	GHW

Client Sample ID: CMS-10	Collected By: Customer
Sample Matrix: Drinking Water	Collection Date: 10/13/2018 5:59
Lab Sample ID: 18J0927-10	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	1.4	15.0	1.0	ppb		10/16/18 0956	10/16/18 1207	GHW

Client Sample ID: CMS-11	Collected By: Customer
Sample Matrix: Drinking Water	Collection Date: 10/13/2018 6:00
Lab Sample ID: 18J0927-11	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	15.0	1.0	ppb		10/16/18 0956	10/16/18 1209	GHW

Client Sample ID: CMS-12	Collected By: Customer
Sample Matrix: Drinking Water	Collection Date: 10/13/2018 6:03
Lab Sample ID: 18J0927-12	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	1.0	15.0	1.0	ppb		10/16/18 0956	10/16/18 1214	GHW



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Client Sample ID: CMS-13	Sample Matrix: Drinking Water	Lab Sample ID: 18J0927-13	Collected By: Customer	Collection Date: 10/13/2018 6:09
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Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	15.0	1.0	ppb		10/16/18 0956	10/16/18 1216	GHW

Client Sample ID: CMS-14	Sample Matrix: Drinking Water	Lab Sample ID: 18J0927-14	Collected By: Customer	Collection Date: 10/13/2018 5:25
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Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	15.0	1.0	ppb		10/16/18 0956	10/16/18 1217	GHW

Client Sample ID: CMS-15	Sample Matrix: Drinking Water	Lab Sample ID: 18J0927-15	Collected By: Customer	Collection Date: 10/13/2018 5:30
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Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	2.1	15.0	1.0	ppb		10/16/18 0956	10/16/18 1224	GHW

Client Sample ID: CMS-16	Sample Matrix: Drinking Water	Lab Sample ID: 18J0927-16	Collected By: Customer	Collection Date: 10/13/2018 5:31
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Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	15.0	1.0	ppb		10/16/18 0956	10/16/18 1226	GHW



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Client Sample ID: CMS-17	Collected By: Customer
Sample Matrix: Drinking Water	Collection Date: 10/13/2018 5:32
Lab Sample ID: 18J0927-17	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	2.2	15.0	1.0	ppb		10/16/18 0956	10/16/18 1228	GHW

Client Sample ID: CMS-18	Collected By: Customer
Sample Matrix: Drinking Water	Collection Date: 10/13/2018 5:34
Lab Sample ID: 18J0927-18	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	45.7	15.0	1.0	ppb		10/16/18 1002	10/16/18 1444	LMH

Client Sample ID: CMS-19	Collected By: Customer
Sample Matrix: Drinking Water	Collection Date: 10/13/2018 5:36
Lab Sample ID: 18J0927-19	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	15.0	1.0	ppb		10/16/18 0956	10/16/18 1230	GHW

Client Sample ID: CMS-20	Collected By: Customer
Sample Matrix: Drinking Water	Collection Date: 10/13/2018 5:45
Lab Sample ID: 18J0927-20	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	1.5	15.0	1.0	ppb		10/16/18 0956	10/16/18 1231	GHW



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Client Sample ID: CMS-21	Collected By: Customer
Sample Matrix: Drinking Water	Collection Date: 10/13/2018 6:09
Lab Sample ID: 18J0927-21	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	7.5	15.0	1.0	ppb		10/16/18 1002	10/16/18 1450	LMH

Client Sample ID: CMS-22	Collected By: Customer
Sample Matrix: Drinking Water	Collection Date: 10/13/2018 6:07
Lab Sample ID: 18J0927-22	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	15.0	1.0	ppb		10/16/18 0956	10/16/18 1233	GHW

Client Sample ID: CMS-23	Collected By: Customer
Sample Matrix: Drinking Water	Collection Date: 10/13/2018 6:19
Lab Sample ID: 18J0927-23	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	2.0	15.0	1.0	ppb		10/16/18 0956	10/16/18 1239	GHW

Client Sample ID: CMS-24	Collected By: Customer
Sample Matrix: Drinking Water	Collection Date: 10/13/2018 6:05
Lab Sample ID: 18J0927-24	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	10.6	15.0	1.0	ppb		10/16/18 1002	10/16/18 1451	LMH



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Client Sample ID: CMS-25	Collected By: Customer
Sample Matrix: Drinking Water	Collection Date: 10/13/2018 5:57
Lab Sample ID: 18J0927-25	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	34.9	15.0	1.0	ppb		10/16/18 1002	10/16/18 1453	LMH

Client Sample ID: CMS-26	Collected By: Customer
Sample Matrix: Drinking Water	Collection Date: 10/13/2018 5:56
Lab Sample ID: 18J0927-26	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	5.9	15.0	1.0	ppb		10/16/18 0956	10/16/18 1249	GHW

Client Sample ID: CMS-27	Collected By: Customer
Sample Matrix: Drinking Water	Collection Date: 10/13/2018 5:53
Lab Sample ID: 18J0927-27	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	15.0	1.0	ppb		10/16/18 0956	10/16/18 1251	GHW

Client Sample ID: CMS-28	Collected By: Customer
Sample Matrix: Drinking Water	Collection Date: 10/13/2018 5:58
Lab Sample ID: 18J0927-28	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	15.0	1.0	ppb		10/16/18 0956	10/16/18 1253	GHW



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Client Sample ID: CMS-29	Collected By: Customer
Sample Matrix: Drinking Water	Collection Date: 10/13/2018 5:59
Lab Sample ID: 18J0927-29	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	15.0	1.0	ppb		10/16/18 0956	10/16/18 1254	GHW

Client Sample ID: CMS-30	Collected By: Customer
Sample Matrix: Drinking Water	Collection Date: 10/13/2018 6:00
Lab Sample ID: 18J0927-30	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	15.0	1.0	ppb		10/16/18 0956	10/16/18 1256	GHW

Client Sample ID: CMS-31	Collected By: Customer
Sample Matrix: Drinking Water	Collection Date: 10/13/2018 5:26
Lab Sample ID: 18J0927-31	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	7.3	15.0	1.0	ppb		10/16/18 0956	10/16/18 1258	GHW

Results in **bold** have exceeded a limit defined for this project. Limits are provided for reference but as regulatory limits change frequently, Microbac Laboratories, Inc. advises the recipient of this report to confirm such limits and units of concentration with the appropriate Federal, state or local authorities before acting on the data.

Definitions

RL: Reporting Limit

Project Requested Certification(s)

Microbac Laboratories, Inc. - Baltimore
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State of Maryland (Drinking Water)

Report Comments

Samples were received in proper condition and the reported results conform to applicable accreditation standard unless otherwise noted.

The data and information on this, and other accompanying documents, represents only the sample(s) analyzed. This report is incomplete unless all pages indicated in the footnote are present and an authorized signature is included.

Reviewed and Approved By:

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Client Relations
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10/25/2018 12:49