

### Technical Report for

**Arizona Dept. of Environmental Quality**

**School District, Lead in Drinking Water Testing**

**Rogers Ranch/Laveen Elementary District**

**SGS Accutest Job Number: LA32015**

**Sampling Date: 03/28/17**

### Report to:

**Arizona Dept. of Environmental Quality**  
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ATTN: David Burchard

**Total number of pages in report: 20**



Test results contained within this data package meet the requirements  
of the National Environmental Laboratory Accreditation Program  
and/or state specific certification programs as applicable.

*Ron Benjamin*  
**Ron Benjamin**  
**Lab Director**

**Client Service contact: Anita Patel 337-237-4775**

Certifications: LDEQ(2048), LDHH(LA150012), AR(14-045-04), AZ(AZ0805), FL(E87657), IL(200082), KY(#31),  
NC(487), SC(73004001), NJ(LA007), TX(T104704186-15-7), WV(257)

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Test results relate only to samples analyzed.

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Sample Summary

Arizona Dept. of Environmental Quality

Job No: LA32015

School District, Lead in Drinking Water Testing  
Project No: Rogers Ranch/Laveen Elementary District

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
LA32015-1	03/28/17	06:46 JG	04/01/17	DW	Drinking Water	#2
LA32015-2	03/28/17	06:43 JG	04/01/17	DW	Drinking Water	#1

Summary of Hits

Job Number: LA32015  
Account: Arizona Dept. of Environmental Quality  
Project: School District, Lead in Drinking Water Testing  
Collected: 03/28/17

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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LA32015-1 #2

No hits reported in this sample.

LA32015-2 #1

No hits reported in this sample.

## **Sample Results**

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## **Report of Analysis**

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## Report of Analysis

<b>Client Sample ID:</b>	#2	<b>Date Sampled:</b>	03/28/17
<b>Lab Sample ID:</b>	LA32015-1	<b>Date Received:</b>	04/01/17
<b>Matrix:</b>	DW - Drinking Water	<b>Percent Solids:</b>	n/a
<b>Project:</b>	School District, Lead in Drinking Water Testing		

## Total Metals Analysis

Analyte	Result	MCL	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Lead	ND	15	1.0	ug/l	1	04/04/17	04/09/17 RT	EPA 200.8 <sup>1</sup>	EPA 200.8 <sup>2</sup>

(1) Instrument QC Batch: MA7223

(2) Prep QC Batch: MP7349

RL = Reporting Limit  
MCL = Maximum Contamination Level (40 CFR 141)

ND = Not detected

## Report of Analysis

<b>Client Sample ID:</b>	#1	<b>Date Sampled:</b>	03/28/17
<b>Lab Sample ID:</b>	LA32015-2	<b>Date Received:</b>	04/01/17
<b>Matrix:</b>	DW - Drinking Water	<b>Percent Solids:</b>	n/a
<b>Project:</b>	School District, Lead in Drinking Water Testing		

## Total Metals Analysis

Analyte	Result	MCL	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Lead	ND	15	1.0	ug/l	1	04/04/17	04/09/17 RT	EPA 200.8 <sup>1</sup>	EPA 200.8 <sup>2</sup>

(1) Instrument QC Batch: MA7223

(2) Prep QC Batch: MP7349

RL = Reporting Limit  
MCL = Maximum Contamination Level (40 CFR 141)

ND = Not detected

**Misc. Forms****Custody Documents and Other Forms**

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**Includes the following where applicable:**

- Chain of Custody




LA32015

**Collection Log**  
for experienced sample collectors

Complete copy of this form for each sample collected. Your drinking water sample cannot be tested unless a copy of this form is shipped to the lab with each sample. In addition, the sample cannot be tested unless the Sample Identification Number matches the number on the sample container label.

☒ Check this box to confirm that water had not been used at this tap or other taps in the area for 6 hours and no flushing was done prior to sampling

Name of School District	Laveen Elementary District
School Name	Rogers Ranch
Building (name/number)	C
Type of Fixture (tap, drinking fountain etc.)	Drinking Fountain
Location of Fixture (example, room number)	Access from classroom C130
Sample Identification Number ( <u>Write this number on the sample container and on this sheet</u> )	#2
Date of Collection	3-28-17
Time of Collection	6:46 AM
Printed Name of Sample Collector	Josée Guzmán
Signature Sample Collector	

Notes Sample collector:

Robert Sedore was present @ time of Test.

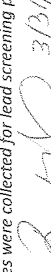
For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	
Signature	
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature

 3/31/17  3/31/17 1415

These samples were collected for lead screening purposes only and cannot be used for compliance.

 3/31/17 1700 Red Ex  
Fedor 04-01-17 0915 Lachman (HC)  
Lachman (H) 04-01-17 0945 Hetherly  
CSN Lab (24.104418) (3rd)

<http://www.azdeq.gov/LeadScreeningProg>


LA32015

### Collection Log

for experienced sample collectors

Complete copy of this form for each sample collected. Your drinking water sample cannot be tested unless a copy of this form is shipped to the lab with each sample. In addition, the sample cannot be tested unless the Sample Identification Number matches the number on the sample container label.

- ☒ Check this box to confirm that **water had not been used at this tap or other taps in the area for 6 hours** and **no flushing** was done prior to sampling

Name of School District	Laveen Elementary District
School Name	Rogers Ranch
Building (name/number)	B
Type of Fixture (tap, drinking fountain etc.)	Drinking Fountain
Location of Fixture (example, room number)	Gym B4 room 3104
Sample Identification Number (Write this number on the sample container and on this sheet)	#1
Date of Collection	3-28-17
Time of Collection	6:43 PM
Printed Name of Sample Collector	Jessie Gibson
Signature Sample Collector	

Notes Sample collector:

Robert Jackson was present at the test

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	
Signature	
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature

These samples were collected for lead screening purposes only and cannot be used for compliance.

LA32015

District		School	Building No	Building Desc	Building Use	Year Built	Number of Bottles Per Building	
Laveen Elementary District		Rogers Ranch	1001	Building A/B	Admin, Cafeteria, Gym	2013	1	
Laveen Elementary District		Rogers Ranch	1002	Building C/D	Classrooms	2013	1	
Address:		6735 South 47th Ave Laveen Az 85339						Bottles Per Kit: 2



UNITED STATES  
ACCUTEST  
1741 W. UNIVERSITY DR.  
SUITE 400  
LAFAYETTE, LA 70508  
UNITED STATES US

CA. 1000

BILL RECIPIENT

TO HOLD AT FEDEX- SAMPLES  
ACCUTEST LABORATORIES-LAFAYETTE, LA  
109 COMMISSION BLVD

546374083031

LAFAYETTE LA 70508  
(337) 237-4175 REF: ADEQ

DEPT.

NO. 0201



TRACK 7787 9932 6411  
X0 LFTA  
SATURDAY HOLD  
PRIORITY OVERNIGHT  
HLD  
LFTA  
LFT  
LAJUS



info 0000000000

(2002) (CN) 70508 (1)

# SGS Accutest Sample Receipt Summary

Job Number: LA32015

Client: ADEQ

Project: ROGERS RANCH

Date / Time Received: 4/1/2017 9:45:00 AM

Delivery Method: FedEx

Airbill #s: 778799326411

Cooler Temps (Initial/Adjusted): #1: (24.1/24.1):

## Cooler Security

	Y	or	N		Y	or	N
1. Custody Seals Present:	<input checked="" type="checkbox"/>		<input type="checkbox"/>	3. COC Present:	<input checked="" type="checkbox"/>		<input type="checkbox"/>
2. Custody Seals Intact:	<input checked="" type="checkbox"/>		<input type="checkbox"/>	4. Smpl Dates/Time OK	<input checked="" type="checkbox"/>		<input type="checkbox"/>

## Cooler Temperature

	Y	or	N
1. Temp criteria achieved:	<input type="checkbox"/>		<input type="checkbox"/>
2. Thermometer ID:	;		
3. Cooler media:	No Ice		
4. No. Coolers:	1		

## Quality Control Preservation

	Y	or	N	N/A
1. Trip Blank present / cooler:	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>
2. Trip Blank listed on COC:	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>
3. Samples preserved properly:	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
4. VOCs headspace free:	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>

## Sample Integrity - Documentation

	Y	or	N
1. Sample labels present on bottles:	<input checked="" type="checkbox"/>		<input type="checkbox"/>
2. Container labeling complete:	<input checked="" type="checkbox"/>		<input type="checkbox"/>
3. Sample container label / COC agree:	<input checked="" type="checkbox"/>		<input type="checkbox"/>

## Sample Integrity - Condition

	Y	or	N
1. Sample recvd within HT:	<input checked="" type="checkbox"/>		<input type="checkbox"/>
2. All containers accounted for:	<input checked="" type="checkbox"/>		<input type="checkbox"/>
3. Condition of sample:	Intact		

## Sample Integrity - Instructions

	Y	or	N	N/A
1. Analysis requested is clear:	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
2. Bottles received for unspecified tests	<input type="checkbox"/>		<input checked="" type="checkbox"/>	
3. Sufficient volume recvd for analysis:	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
4. Compositing instructions clear:	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>
5. Filtering instructions clear:	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>

Comments

LA32015: Chain of Custody

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**Metals Analysis**

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**QC Data Summaries**

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**Includes the following where applicable:**

- **Method Blank Summaries**
- **Matrix Spike and Duplicate Summaries**
- **Blank Spike and Lab Control Sample Summaries**
- **Serial Dilution Summaries**

BLANK RESULTS SUMMARY  
Part 2 - Method Blanks

Login Number: LA32015  
Account: ADEQAZP - Arizona Dept. of Environmental Quality  
Project: School District, Lead in Drinking Water Testing

QC Batch ID: MP7349  
Matrix Type: DRINKING WATER

Methods: EPA 200.8  
Units: mg/l

Prep Date: 04/04/17

Metal	RL	IDL	MDL	MB raw	final
Aluminum	0.040	.048	.026		
Antimony	0.010	.0016	.0016		
Barium	0.010	.00015	.00064		
Beryllium	0.0010	.00003	.00013		
Boron	0.040	.0023	.005		
Calcium	0.40	.027	.057		
Lithium	0.0040	.0001	.00021		
Lead	0.0010	.000045	.00026	-0.00022	<0.0010
Molybdenum	0.0040	.0003	.00087		
Potassium	0.20	.034	.018		
Uranium	0.0020		.00016		

Associated samples MP7349: LA32015-1, LA32015-2

Results < IDL are shown as zero for calculation purposes  
(\*) Outside of QC limits  
(anr) Analyte not requested



MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: LA32015  
 Account: ADEQAZP - Arizona Dept. of Environmental Quality  
 Project: School District, Lead in Drinking Water Testing

QC Batch ID: MP7349  
 Matrix Type: DRINKING WATER

Methods: EPA 200.8  
 Units: mg/l

Prep Date: 04/04/17

Metal	LA32013-5 Original MS		Spikelot MPICPMS5 % Rec		QC Limits
Aluminum					
Antimony					
Barium					
Beryllium					
Boron					
Calcium					
Lithium					
Lead	0.00081	0.21	0.20	104.6	70-130
Molybdenum					
Potassium					
Uranium					

Associated samples MP7349: LA32015-1, LA32015-2

Results < IDL are shown as zero for calculation purposes  
 (\*) Outside of QC limits  
 (N) Matrix Spike Rec. outside of QC limits  
 (anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: LA32015  
 Account: ADEQAZP - Arizona Dept. of Environmental Quality  
 Project: School District, Lead in Drinking Water Testing

QC Batch ID: MP7349  
 Matrix Type: DRINKING WATER

Methods: EPA 200.8  
 Units: mg/l

Prep Date: 04/04/17

Metal	LA32013-5 Original MSD	Spikelot MPICPMS5 % Rec	MSD RPD	QC Limit
Aluminum				
Antimony				
Barium				
Beryllium				
Boron				
Calcium				
Lithium				
Lead	0.00081 0.21	0.20 104.6	0.0	20
Molybdenum				
Potassium				
Uranium				

Associated samples MP7349: LA32015-1, LA32015-2

Results < IDL are shown as zero for calculation purposes  
 (\*) Outside of QC limits  
 (N) Matrix Spike Rec. outside of QC limits  
 (anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: LA32015  
 Account: ADEQAZP - Arizona Dept. of Environmental Quality  
 Project: School District, Lead in Drinking Water Testing

QC Batch ID: MP7349  
 Matrix Type: DRINKING WATER

Methods: EPA 200.8  
 Units: mg/l

Prep Date: 04/04/17

Metal	BSP Result	Spikelot MPICPMS5	% Rec	QC Limits
Aluminum				
Antimony				
Barium				
Beryllium				
Boron				
Calcium				
Lithium				
Lead	0.21	0.20	105.0	85-115
Molybdenum				
Potassium				
Uranium				

Associated samples MP7349: LA32015-1, LA32015-2

Results < IDL are shown as zero for calculation purposes  
 (\*) Outside of QC limits  
 (anr) Analyte not requested

5.1.3

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# SERIAL DILUTION RESULTS SUMMARY

Login Number: LA32015  
 Account: ADEQAZP - Arizona Dept. of Environmental Quality  
 Project: School District, Lead in Drinking Water Testing

QC Batch ID: MP7349  
 Matrix Type: DRINKING WATER

Methods: EPA 200.8  
 Units: ug/l

Prep Date: 04/04/17

Metal	LA32013-5 Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Barium				
Beryllium				
Boron				
Calcium				
Lithium				
Lead	0.407	1.02	150.0(a)	0-10
Molybdenum				
Potassium				
Uranium				

Associated samples MP7349: LA32015-1, LA32015-2

Results < IDL are shown as zero for calculation purposes

(\*) Outside of QC limits

(anr) Analyte not requested

(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).