

750 Royal Oaks Drive, Suite 100  
Monrovia, California 91016-3629  
Tel: (626) 386-1100  
Fax: (866) 988-3757  
1 800 566 LABS (1 800 566 5227)



## Laboratory Report

for

Arizona Department of Environmental Quality  
1110 West Washington Street  
Phoenix, AZ 85007  
Attention: David Burchard

Date of Issue  
07/06/2017

  
Eurofins Eaton  
Analytical, Inc.

TDF: Thomas.D.French  
Project Manager

Report:669960  
Project:CHINLE-UD24  
ADHS License #:AZ0778  
Group:Chinle Elementary School-Confirmation  
PO#:PO#: ADEQ16-116686:3



\* Accredited in accordance with TNI 2009 and ISO/IEC 17025:2005.

\* Laboratory certifies that the test results meet all **TNI 2009 and ISO/IEC 17025:2005** requirements unless noted under the individual analysis.

\* Following the cover page are State Certification List, ISO 17025 Accredited Method List, Acknowledgement of Samples Received, Comments, Hits Report, Data Report, QC Summary, QC Report and Regulatory Forms, as applicable.

\* Test results relate only to the sample(s) tested.

\* This report shall not be reproduced except in full, without the written approval of the laboratory.

## STATE CERTIFICATION LIST

State	Certification Number	State	Certification Number
Alabama	41060	Mississippi	Certified
Arizona	AZ0778	Montana	Cert 0035
Arkansas	Certified	Nebraska	Certified
California-Monrovia-ELAP	2813	Nevada	CA00006-2016
California-Colton- ELAP	2812	New Hampshire *	2959
California-Folsom- ELAP	2820	New Jersey *	CA 008
California-Fresno- ELAP	2966	New Mexico	Certified
Colorado	Certified	New York *	11320
Connecticut	PH-0107	North Carolina	06701
Delaware	CA 006	North Dakota	R-009
Florida *	E871024	Oregon (Primary AB) *	ORELAP 4034
Georgia	947	Pennsylvania *	68-565
Guam	16-003r	Puerto Rico	Certified
Hawaii	Certified	Rhode Island	LAO00326
Idaho	Certified	South Carolina	87016
Illinois *	200033	South Dakota	Certified
Indiana	C-CA-01	Tennessee	TN02839
Kansas *	E-10268	Texas *	T104704230-15-9
Kentucky	90107	Utah *	CA000062016-10
Louisiana *	LA16003	Vermont	VT0114
Maine	CA0006	Virginia *	460260
Maryland	224	Washington	C838
Commonwealth of Northern Marianas Is.	MP0004	Wyoming	Certified
Massachusetts	M-CA006	EPA Region 5	Certified
Michigan	9906	Los Angeles County Sanitation Districts	10264

\* NELAP/TNI Recognized Accreditation Bodies

ISO 17025 Accredited Method List

The tests listed below are accredited and meet the requirements of ISO 17025 as verified by the ANSI-ASQ National Accreditation Board/ANAB.

Refer to Certificate and scope of accreditation (AT 1807) found at: <http://www.eatonanalytical.com>

SPECIFIC TESTS	METHOD OR TECHNIQUE USED	Environmental (Drinking Water)	Environmental (Waste Water)	Water as a Component of Food and Bev/Bev/ Bottled Water
1,4-Dioxane	EPA 522	x		x
2,3,7,8-TCDD	Modified EPA 1613B	x		x
Acrylamide	In House Method (2440)	x		x
Alkalinity	SM 2320B	x	x	x
Ammonia	EPA 350.1		x	x
Ammonia	SM 4500-NH3 H		x	x
Anions and DBPs by IC	EPA 300.0	x	x	x
Anions and DBPs by IC	EPA 300.1	x		x
Asbestos	EPA 100.2	x	x	
Bicarbonate Alkalinity as HCO3	SM 2320B	x	x	x
BOD / CBOD	SM 5210B		x	x
Bromate	In House Method (2447)	x		x
Carbamates	EPA 531.2	x		x
Carbonate as CO3	SM 2330B	x	x	x
Carbonyls	EPA 556	x		x
COD	EPA 410.4 / SM 5220D		x	
Chloramines	SM 4500-CL G	x	x	x
Chlorinated Acids	EPA 515.4	x		x
Chlorinated Acids	EPA 555	x		x
Chlorine Dioxide	SM 4500-CLO2 D	x		x
Chlorine -Total/Free/ Combined Residual	SM 4500-Cl G	x	x	x
Conductivity	EPA 120.1		x	
Conductivity	SM 2510B	x	x	x
Corrosivity (Langelier Index)	SM 2330B	x		x
Cryptosporidium	EPA 1623	x		x
Cyanide, Amenable	SM 4500-CN G	x	x	
Cyanide, Free	SM 4500CN F	x	x	x
Cyanide, Total	EPA 335.4	x	x	x
Cyanogen Chloride (screen)	In House Method (2470)	x		x
Diquat and Paraquat	EPA 549.2	x		x
DBP/HAA	SM 6251B	x		x
Dissolved Oxygen	SM 4500-O G		x	x
DOC	SM 5310C	x		x
E. Coli (MTF/EC+MUG)		x		x
E. Coli	CFR 141.21(f)(6)(i)	x		x
E. Coli	SM 9223		x	
E. Coli (Enumeration)	SM 9221B.1/ SM 9221F	x		x
E. Coli (Enumeration)	SM 9223B	x		x
EDB/DCBP	EPA 504.1	x		
EDB/DCBP and DBP	EPA 551.1	x		x
EDTA and NTA	In House Method (2454)	x		x
Endothall	EPA 548.1	x		x
Endothall	In-house Method (2445)	x		x
Enterococci	SM 9230B	x	x	
Fecal Coliform	SM 9221 E (MTF/EC)	x		
Fecal Coliform	SM 9221C, E (MTF/EC)		x	
Fecal Coliform (Enumeration)	SM 9221E (MTF/EC)	x		x
Fecal Coliform with Chlorine Present	SM 9221E		x	
Fecal Streptococci	SM 9230B	x	x	
Fluoride	SM 4500-F C	x	x	x
Giardia	EPA 1623	x		x
Glyphosate	EPA 547	x		x
Gross Alpha/Beta	EPA 900.0	x	x	x
Gross Alpha Coprecipitation	SM 7110 C	x	x	x
Hardness	SM 2340B	x	x	x
Heterotrophic Bacteria	In House Method (2439)	x		x
Heterotrophic Bacteria	SM 9215 B	x		x
Hexavalent Chromium	EPA 218.6	x	x	x

SPECIFIC TESTS	METHOD OR TECHNIQUE USED	Environmental (Drinking Water)	Environmental (Waste Water)	Water as a Component of Food and Bev/Bev/ Bottled Water
Hexavalent Chromium	EPA 218.7	x		x
Hexavalent Chromium	SM 3500-Cr B		x	
Hormones	EPA 539	x		x
Hydroxide as OH Calc.	SM 2330B	x		x
Kjeldahl Nitrogen	EPA 351.2		x	
Legionella	CDC Legionella	x		x
Mercury	EPA 245.1	x	x	x
Metals	EPA 200.7 / 200.8	x	x	x
Microcystin LR	ELISA (2360)	x		x
NDMA	EPA 521	x		x
NDMA	TQ In house method based on EPA 521 (2425)	x		x
Nitrate/Nitrite Nitrogen	EPA 353.2	x	x	x
OCL, Pesticides/PCB	EPA 505	x		x
Ortho Phosphate	EPA 365.1	x	x	x
Ortho Phosphate	SM 4500P E			x
Ortho Phosphorous	SM 4500P E	x		
Oxyhalides Disinfection Byproducts	EPA 317.0	x		x
Perchlorate	EPA 331.0	x		x
Perchlorate (low and high)	EPA 314.0	x		x
Perfluorinated Alkyl Acids	EPA 537	x		x
pH	EPA 150.1	x		
pH	SM 4500-H+B	x	x	x
Phenylurea Pesticides/ Herbicides	In House Method, based on EPA 532 (2448)	x		x
Pseudomonas	IDEXX Pseudalert (2461)	x		x
Radium-226	GA Institute of Tech	x		x
Radium-228	GA Institute of Tech	x		x
Radon-222	SM 7500RN	x		x
Residue, Filterable	SM 2540C	x	x	x
Residue, Non-filterable	SM 2540D		x	
Residue, Total	SM 2540B		x	x
Residue, Volatile	EPA 160.4		x	
Semi-VOC	EPA 525.2	x		x
Semi-VOC	EPA 625		x	x
Silica	SM 4500-Si D	x	x	
Silica	SM 4500-SiO2 C	x	x	
Sulfide	SM 4500-S <sup>-</sup> D		x	
Sulfite	SM 4500-SO <sup>3</sup> B	x	x	x
Surfactants	SM 5540C	x	x	x
Taste and Odor Analytes	SM 6040E	x		x
Total Coliform (P/A)	SM 9221 A, B	x		x
Total Coliform (Enumeration)	SM 9221 A, B, C	x		x
Total Coliform / E. coli	Colisure SM 9223	x		x
Total Coliform	SM 9221B		x	
Total Coliform with Chlorine Present	SM 9221B		x	
Total Coliform / E.coli (P/A and Enumeration)	SM 9223	x		x
TOC	SM 5310C	x	x	x
TOX	SM 5320B		x	
Total Phenols	EPA 420.1		x	
Total Phenols	EPA 420.4	x	x	x
Total Phosphorous	SM 4500 P E		x	
Turbidity	EPA 180.1	x	x	x
Turbidity	SM 2130B	x	x	
Uranium by ICP/MS	EPA 200.8	x		x
UV 254	SM 5910B	x		
VOC	EPA 524.2/EPA 524.3	x		x
VOC	EPA 624		x	x
VOC	EPA SW 846 8260	x		x
VOC	In House Method (2411)	x		x
Yeast and Mold	SM 9610	x		x

## Acknowledgement of Samples Received

Addr: **Arizona Department of Environmental Quality**  
1110 West Washington Street  
Phoenix, AZ 85007

Attn: David Burchard  
Phone: (602) 771-4298

Client ID: ADEQ-LEAD  
Folder #: 669960  
Project: CHINLE-UD24  
Sample Group: Chinle Elementary  
School-Confirmation  
Project Manager: Thomas.D.French  
Phone: (480) 778-1558  
PO #: ADEQ16-116686:3  
Sampler: Erwin White

The following samples were received from you on **July 03, 2017** at **1016**. They have been scheduled for the tests listed below each sample. If this information is incorrect, please contact your service representative. Thank you for using Eurofins Eaton Analytical, Inc..

Sample #	Sample ID	Sample Date
<u>201707030376</u>	1 Confirmation - First Draw Sample Type: SinkFaucet Facility ID: CES Main Sample Point ID: Classroom Sink 139 @ICPMS Freight - Return Freight - Outbound	06/27/2017 0650
<u>201707030377</u>	2 Confirmation - Flush Sample Type: SinkFaucet Facility ID: CES Main Sample Point ID: Classroom Sink 139 @ICPMS	06/27/2017 0651
<u>201707030378</u>	3 Confirmation First Draw Day 2 Sample Type: SinkFaucet Facility ID: CES Main Sample Point ID: Classroom Sink 139 @ICPMS	06/28/2017 0630
<u>201707030379</u>	4 Screening Sample Type: Bubbler Facility ID: CES Main Sample Point ID: Classroom 101 @ICPMS	06/27/2017 0628
<u>201707030380</u>	5 Screening Sample Type: Bubbler Facility ID: CES Main Sample Point ID: Classroom 102 @ICPMS	06/27/2017 0628
<u>201707030381</u>	6 Screening Sample Type: Bubbler Facility ID: CES Main Sample Point ID: Classroom 104 @ICPMS	06/27/2017 0629
<u>201707030382</u>	7 Screening Sample Type: Bubbler Facility ID: CES Main Sample Point ID: Classroom 105 @ICPMS	06/27/2017 0629
<u>201707030383</u>	8 Screening	06/27/2017 0630

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Sample #	Sample ID	Sample Date
	Sample Type: Bubbler Facility ID: CES Main Sample Point ID: Classroom 111 @ICPMS	
<u>201707030384</u>	9 Screening	06/27/2017 0630
	Sample Type: Bubbler Facility ID: CES Main Sample Point ID: Classroom 113 @ICPMS	
<u>201707030385</u>	10 Screening	06/27/2017 0631
	Sample Type: Bubbler Facility ID: CES Main Sample Point ID: Classroom 112 @ICPMS	
<u>201707030386</u>	11 Screening	06/27/2017 0631
	Sample Type: Bubbler Facility ID: CES Main Sample Point ID: Classroom 114 @ICPMS	
<u>201707030387</u>	12 Screening	06/27/2017 0633
	Sample Type: Bubbler Facility ID: CES Main Sample Point ID: Classroom 115 @ICPMS	
<u>201707030388</u>	13 Screening	06/27/2017 0637
	Sample Type: Drinking Fountain Facility ID: CES Main Sample Point ID: A Wing Corridor @ICPMS	
<u>201707030389</u>	14 Screening	06/27/2017 0655
	Sample Type: Drinking Fountain Facility ID: CES Main Sample Point ID: B Wing Corridor @ICPMS	
<u>201707030390</u>	15 Screening	06/27/2017 0000
	Sample Type: Bubbler Facility ID: CES Main Sample Point ID: # 145	

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School-Confirmation  
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PO #: ADEQ16-116686:3  
Sampler: Erwin White

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Sample #	Sample ID	Sample Date
	@ICPMS	
<u>201707030391</u>	16 Screening	06/27/2017 0630
	Sample Type: Kitchen Sink Facility ID: CES Main Sample Point ID: Kitchen	
	@ICPMS	
<u>201707030392</u>	17 Screening	06/27/2017 0630
	Sample Type: Kitchen Sink #2 Facility ID: CES Main Sample Point ID: Kitchen	
	@ICPMS	
<u>201707030393</u>	18 Screening	06/27/2017 0635
	Sample Type: Bubbler Facility ID: CES Main Sample Point ID: Classroom 219	
	@ICPMS	
<u>201707030394</u>	19 Screening	06/27/2017 0635
	Sample Type: Bubbler Facility ID: CES Main Sample Point ID: Classroom 220	
	@ICPMS	
<u>201707030395</u>	20 Screening	06/27/2017 0636
	Sample Type: Bubbler Facility ID: CES Main Sample Point ID: Classroom 221	
	@ICPMS	
<u>201707030396</u>	21 Screening	06/27/2017 0637
	Sample Type: Bubbler Facility ID: CES Main Sample Point ID: Classroom 222	
	@ICPMS	
<u>201707030397</u>	22 Screening	06/27/2017 0637
	Sample Type: Bubbler Facility ID: CES Main Sample Point ID: Classroom 226	
	@ICPMS	
<u>201707030398</u>	23 Screening	06/27/2017 0639

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Sample #	Sample ID	Sample Date
	Sample Type: Bubblers Facility ID: CES Main Sample Point ID: Classroom 227 @ICPMS	
<u>201707030399</u>	24 Screening	06/27/2017 0640
	Sample Type: Bubblers Facility ID: CES Main Sample Point ID: Classroom 228 @ICPMS	
<u>201707030400</u>	25 Screening	06/27/2017 0641
	Sample Type: Bubblers Facility ID: CES Main Sample Point ID: Classroom 229 @ICPMS	
<u>201707030401</u>	26 Screening	06/27/2017 0641
	Sample Type: Bubblers Facility ID: CES Main Sample Point ID: Classroom 230 @ICPMS	
<u>201707030402</u>	27 Screening	06/27/2017 0645
	Sample Type: Bubblers Facility ID: CES Main Sample Point ID: Classroom 210 @ICPMS	
<u>201707030403</u>	28 Screening	06/27/2017 0648
	Sample Type: Bubblers Facility ID: CES Main Sample Point ID: Classroom 140 @ICPMS	
<u>201707030404</u>	29 Screening	06/27/2017 0649
	Sample Type: Bubblers Facility ID: CES Main Sample Point ID: Classroom 146 @ICPMS	
<u>201707030405</u>	30 Screening	06/27/2017 0650
	Sample Type: Bubblers Facility ID: CES Main Sample Point ID: Classroom 147	

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Sample #	Sample ID	Sample Date
	@ICPMS	
<u>201707030406</u>	Bubbler A103	06/27/2017 0000
	Sample Type: Bubbler Facility ID: CES Main Sample Point ID: A103	
	@ICPMS	
<u>201707030407</u>	Bubbler A139	06/27/2017 0000
	Sample Type: Bubbler Facility ID: CES Main Sample Point ID: A139	
	@ICPMS	

## Test Description

@ICPMS -- ICPMS Metals

@ICPMS -- ICPMS Metals



# Lead In Schools Collection Sampling Log

669960

School District: Chinle Unified District

School Name: Chinle Elementary School

Building Name/Number/Year Built: CES Main 928-674-9701

928-674-9701

Sample Collector Name and Phone Number: Erwin White /

Jayrine Yazzie

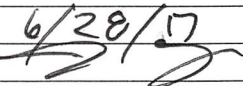
Sample ID # (must appear on bottle)	Bottle Size	Fixture Type/ Make and model #	Fixture location	Collection Time	Collection Date
1 Confirmation - First Draw	250 ml	Sink faucet	Classroom sink 139	6:50am	6/27/17
2 Confirmation - Flush	250 ml	Sink faucet	Classroom sink 139	6:51am	6/27/17
3 Confirmation - First Draw Day Two	1 Liter	Sink faucet	Classroom sink 139	6:30am	6/28/17
4 Screening	250 ml	Bubbler <del>drinking</del>	Classroom 101	6:28am	6/27/17
5 Screening	250 ml	Bubbler <del>drinking</del>	Classroom 102	6:28am	6/27/17
6 Screening	250 ml	Bubbler <del>drinking</del>	" 104	6:29am	6/27/17
7 Screening	250 ml	Bubbler	" 105	6:29am	6/27/17
8 Screening	250 ml	Bubbler	" 111	6:30am	6/27/17
9 Screening	250 ml	Bubbler	" 113	6:30am	6/27/17
10 Screening	250 ml	Bubbler	112	6:31am	6/27/17
11 Screening	250 ml	Bubbler	114	6:31am	6/27/17
12 Screening	250 ml	Bubbler	115	6:33am	6/27/17
13 Screening	250 ml	drinking Fountain	A wing corridor	6:37am	6/27/17
14 Screening	250 ml	drinking Fountain	B " "	6:55am	6/27/17
15 Screening	250 ml	bubbler	# 145		
16 Screening	250 ml	Kitchen sink	Kitchen	6:30am	6/27/17
17 Screening	250 ml	Kitchen sink #2	Kitchen	6:30am	6/27/17
18 Screening	250 ml	Bubbler	Classroom 219	6:35am	6/27/17
19 Screening	250 ml	Bubbler	" 220	6:35am	6/27/17
20 Screening	250 ml	Bubbler	" 221	6:36am	6/27/17
21 Screening	250 ml	Bubbler	" 222	6:37am	6/27/17
22 Screening	250 ml	Bubbler	" 226	6:37am	6/27/17
23 Screening	250 ml	Bubbler	" 227	6:39am	6/27/17
24 Screening	250 ml	Bubbler	" 228	6:40am	6/27/17
25 Screening	250 ml	Bubbler	" 229	6:41am	6/27/17
26 Screening	250 ml	Bubbler	" 230	6:41am	6/27/17
27 Screening	250 ml	Bubbler	" 210	6:45am	6/27/17
28 Screening	250 ml	Bubbler	" 140	6:48am	6/27/17
29 Screening	250 ml	Bubbler	" 146	6:49am	6/27/17
30 Screening	250 ml	Bubbler	147	6:50am	6/27/17
31 Screening	250 ml	<del>Bubbler</del> MAU			
32 Screening	250 ml				
33 Screening	250 ml				
34 Screening	250 ml				
35 Screening	250 ml				

Sample ID# does not match to Fixture location on all of the samples. ~~MAU~~ MAU wrote Fixture location on bottles. IDs matched to COC using information chart wrote on bottles. MAU 6-7-3-13

A103 } extra samples  
A139 } rec'd No date or time on label.

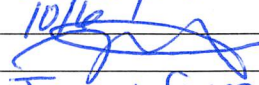
These samples were collected for screening purposes only and are not to be used for compliance determinations

For relinquishing samples upon delivery to labs only

DATE RELINQUISHED:	6/28/17
RELINQUISHING AGENT SIGNATURE:	
SIGNATORY NAME PRINTED:	Jayne Yazzie

For Lab Use Only

ANALYZE THIS DRINKING WATER SAMPLE FOR LEAD

DATE LAB RECEIVED:	07/03/17
TIME LAB RECEIVED:	10/16
LAB SIGNATURE:	
LAB SIGNATORY NAME PRINTED:	Jenny Gonzalez
NOTES:	



Eaton Analytical

# INTERNAL CHAIN OF CUSTODY RECORD

EEA Folder Number:

669961

SAMPLE TEMP RECEIVED:

IR Gun ID = 570A

(Observation = 23.3 °C)

(Corr.Factor = 0.4 °C)

(Final = 23.7 °C)

SAMPLES REC'D DAY OF COLLECTION?

TYPE OF ICE: Real Synthetic No Ice

CONDITION OF ICE: Frozen Partially Frozen Thawed

N/A

METHOD OF SHIPMENT: Pick-Up / Walk-In / FedEx / UPS / DHL / Area Fast / Top Line / Other:

Compliance Acceptance Criteria:

- 1) Chemistry: >0, ≤6°C, not frozen (NELAP) (if received after 24 hrs of sample collection)
- 2) Microbiology, Distribution: < 10°C, not frozen (can be ≥10°C if received on ice the same day as sample collection, within 8 hours)
- 3) Microbiology, Surface Water: < 10°C (if received after 2 hours of sample collection)

If out of temperature range for both Chemistry and Microbiology samples and temperature does not confirm, then measure the temperature of each quadrant and record each temperature of the quadrants

1 = (Observation = _____ °C) (Corr.Factor = _____ °C) (Final = _____ °C)	2 = (Observation = _____ °C) (Corr.Factor = _____ °C) (Final = _____ °C)
3 = (Observation = _____ °C) (Corr.Factor = _____ °C) (Final = _____ °C)	4 = (Observation = _____ °C) (Corr.Factor = _____ °C) (Final = _____ °C)

4) UCMR3 : 524.3: (Observation = \_\_\_\_\_ °C) (Corr.Factor = \_\_\_\_\_ °C) (Final = \_\_\_\_\_ °C)  
(non-GLEC)

522: (Observation = \_\_\_\_\_ °C) (Corr.Factor = \_\_\_\_\_ °C) (Final = \_\_\_\_\_ °C)

≤ 10°C if received within 48 hours of sample collection (not the same business day); ≤ 6°C if received after 48 hours of sample collection. Measure temperature for each method above.

5) LT2: Giardia /Cryptosporidium: <20 °C, not frozen (received after 8 hours of sample collection)

E. Coli: < 10°C, not frozen (if received after 2 hours of sample collection)

Giardia/Crypto: (Observation = \_\_\_\_\_ °C) (Corr.Factor = \_\_\_\_\_ °C) (Final = \_\_\_\_\_ °C)

E.Coli: (Observation = \_\_\_\_\_ °C) (Corr.Factor = \_\_\_\_\_ °C) (Final = \_\_\_\_\_ °C)

6) Dioxin (1613 or 2,3,7,8 TCDD): must be between 0-4 °C, not frozen (if received after 24 hrs of sample collection)

Note: If samples are out of temperature range, let the ASMs know. ASMs will determine whether to proceed with analysis or not.

SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
	Jenny Farner	Eurofins Eaton Analytical	01-03-17	1016

FedEx  
RK# 7324 9821 4268  
221

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**Laboratory Comments**

**Report:** 669960  
**Project:** CHINLE-UD24  
**Group:** Chinle Elementary  
School-Confirmation

Arizona Department of Environmental Quality  
David Burchard  
1110 West Washington Street  
Phoenix, AZ 85007

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Laboratory Hits

**Report:** 669960  
**Project:** CHINLE-UD24  
**Group:** Chinle Elementary  
School-Confirmation

**Arizona Department of Environmental Quality**  
David Burchard  
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Phoenix, AZ 85007

Samples Received on:  
07/03/2017 1016

Analyzed	Analyte	Sample ID	Result	Federal MCL	Units	MRL
	<b>201707030376</b>	<b><u>1 Confirmation - First Draw</u></b>				
07/05/2017 10:48	Lead Total ICAP/MS		7.1	15	ug/L	0.5
	<b>201707030378</b>	<b><u>3 Confirmation First Draw Day 2</u></b>				
07/05/2017 10:55	Lead Total ICAP/MS		4.4	15	ug/L	0.5
	<b>201707030379</b>	<b><u>4 Screening</u></b>				
07/05/2017 20:26	Lead Total ICAP/MS		1.2	15	ug/L	0.5
	<b>201707030380</b>	<b><u>5 Screening</u></b>				
07/05/2017 20:30	Lead Total ICAP/MS		2.2	15	ug/L	0.5
	<b>201707030381</b>	<b><u>6 Screening</u></b>				
07/05/2017 20:31	Lead Total ICAP/MS		0.56	15	ug/L	0.5
	<b>201707030382</b>	<b><u>7 Screening</u></b>				
07/05/2017 20:32	Lead Total ICAP/MS		1.6	15	ug/L	0.5
	<b>201707030383</b>	<b><u>8 Screening</u></b>				
07/05/2017 20:32	Lead Total ICAP/MS		0.66	15	ug/L	0.5
	<b>201707030384</b>	<b><u>9 Screening</u></b>				
07/05/2017 20:33	Lead Total ICAP/MS		1.0	15	ug/L	0.5
	<b>201707030385</b>	<b><u>10 Screening</u></b>				
07/05/2017 20:34	Lead Total ICAP/MS		1.1	15	ug/L	0.5
	<b>201707030386</b>	<b><u>11 Screening</u></b>				
07/05/2017 20:35	Lead Total ICAP/MS		0.84	15	ug/L	0.5
	<b>201707030387</b>	<b><u>12 Screening</u></b>				
07/05/2017 20:35	Lead Total ICAP/MS		2.5	15	ug/L	0.5
	<b>201707030390</b>	<b><u>15 Screening</u></b>				
07/05/2017 20:41	Lead Total ICAP/MS		10	15	ug/L	0.5
	<b>201707030392</b>	<b><u>17 Screening</u></b>				
07/05/2017 20:43	Lead Total ICAP/MS		1.3	15	ug/L	0.5
	<b>201707030393</b>	<b><u>18 Screening</u></b>				
07/05/2017 20:43	Lead Total ICAP/MS		1.1	15	ug/L	0.5
	<b>201707030394</b>	<b><u>19 Screening</u></b>				
07/05/2017 20:44	Lead Total ICAP/MS		9.1	15	ug/L	0.5
	<b>201707030395</b>	<b><u>20 Screening</u></b>				

**SUMMARY OF POSITIVE DATA ONLY**

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Laboratory Hits

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Samples Received on:  
07/03/2017 1016

Analyzed	Analyte	Sample ID	Result	Federal MCL	Units	MRL
07/05/2017 20:45	Lead Total ICAP/MS		13	15	ug/L	0.5
	<b>201707030396</b>	<b><u>21 Screening</u></b>				
07/05/2017 20:46	Lead Total ICAP/MS		0.93	15	ug/L	0.5
	<b>201707030397</b>	<b><u>22 Screening</u></b>				
07/05/2017 20:48	Lead Total ICAP/MS		9.6	15	ug/L	0.5
	<b>201707030398</b>	<b><u>23 Screening</u></b>				
07/05/2017 20:49	Lead Total ICAP/MS		2.5	15	ug/L	0.5
	<b>201707030399</b>	<b><u>24 Screening</u></b>				
07/05/2017 20:53	Lead Total ICAP/MS		16	15	ug/L	0.5
	<b>201707030400</b>	<b><u>25 Screening</u></b>				
07/05/2017 20:55	Lead Total ICAP/MS		10	15	ug/L	0.5
	<b>201707030401</b>	<b><u>26 Screening</u></b>				
07/05/2017 20:58	Lead Total ICAP/MS		1.4	15	ug/L	0.5
	<b>201707030402</b>	<b><u>27 Screening</u></b>				
07/05/2017 20:58	Lead Total ICAP/MS		3.6	15	ug/L	0.5
	<b>201707030403</b>	<b><u>28 Screening</u></b>				
07/05/2017 20:59	Lead Total ICAP/MS		1.1	15	ug/L	0.5
	<b>201707030404</b>	<b><u>29 Screening</u></b>				
07/05/2017 21:00	Lead Total ICAP/MS		1.5	15	ug/L	0.5
	<b>201707030405</b>	<b><u>30 Screening</u></b>				
07/05/2017 21:01	Lead Total ICAP/MS		2.8	15	ug/L	0.5
	<b>201707030406</b>	<b><u>Bubbler A103</u></b>				
07/05/2017 21:02	Lead Total ICAP/MS		1.9	15	ug/L	0.5
	<b>201707030407</b>	<b><u>Bubbler A139</u></b>				
07/05/2017 21:02	Lead Total ICAP/MS		1.4	15	ug/L	0.5

**SUMMARY OF POSITIVE DATA ONLY**

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Laboratory Data

**Report:** 669960  
**Project:** CHINLE-UD24  
**Group:** Chinle Elementary  
School-Confirmation

**Arizona Department of Environmental Quality**  
David Burchard  
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Phoenix, AZ 85007

Samples Received on:  
07/03/2017 1016

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
<b>1 Confirmation - First Draw (201707030376)</b>						<b>Sampled on 06/27/2017 0650</b>			
Sample Type: SinkFaucet Facility ID: CES Main Sample Point ID: Classroom Sink 139									
<b>EPA 200.8 - ICPMS Metals</b>									
07/04/17	07/05/17 10:48	1007758	1007828	(EPA 200.8)	Lead Total ICAP/MS	7.1	ug/L	0.5	1
<b>2 Confirmation - Flush (201707030377)</b>						<b>Sampled on 06/27/2017 0651</b>			
Sample Type: SinkFaucet Facility ID: CES Main Sample Point ID: Classroom Sink 139									
<b>EPA 200.8 - ICPMS Metals</b>									
07/04/17	07/05/17 10:53	1007758	1007828	(EPA 200.8)	Lead Total ICAP/MS	ND	ug/L	0.5	1
<b>3 Confirmation First Draw Day 2 (201707030378)</b>						<b>Sampled on 06/28/2017 0630</b>			
Sample Type: SinkFaucet Facility ID: CES Main Sample Point ID: Classroom Sink 139									
<b>EPA 200.8 - ICPMS Metals</b>									
07/04/17	07/05/17 10:55	1007758	1007828	(EPA 200.8)	Lead Total ICAP/MS	4.4	ug/L	0.5	1
<b>4 Screening (201707030379)</b>						<b>Sampled on 06/27/2017 0628</b>			
Sample Type: Bubbler Facility ID: CES Main Sample Point ID: Classroom 101									
<b>EPA 200.8 - ICPMS Metals</b>									
07/04/17	07/05/17 20:26	1007758	1008126	(EPA 200.8)	Lead Total ICAP/MS	1.2	ug/L	0.5	1
<b>5 Screening (201707030380)</b>						<b>Sampled on 06/27/2017 0628</b>			
Sample Type: Bubbler Facility ID: CES Main Sample Point ID: Classroom 102									
<b>EPA 200.8 - ICPMS Metals</b>									
07/04/17	07/05/17 20:30	1007758	1008126	(EPA 200.8)	Lead Total ICAP/MS	2.2	ug/L	0.5	1
<b>6 Screening (201707030381)</b>						<b>Sampled on 06/27/2017 0629</b>			
Sample Type: Bubbler Facility ID: CES Main Sample Point ID: Classroom 104									
<b>EPA 200.8 - ICPMS Metals</b>									
07/04/17	07/05/17 20:31	1007758	1008126	(EPA 200.8)	Lead Total ICAP/MS	0.56	ug/L	0.5	1
<b>7 Screening (201707030382)</b>						<b>Sampled on 06/27/2017 0629</b>			
Sample Type: Bubbler Facility ID: CES Main Sample Point ID: Classroom 105									
<b>EPA 200.8 - ICPMS Metals</b>									
07/04/17	07/05/17 20:32	1007758	1008126	(EPA 200.8)	Lead Total ICAP/MS	1.6	ug/L	0.5	1
<b>8 Screening (201707030383)</b>						<b>Sampled on 06/27/2017 0630</b>			

Rounding on totals after summation.  
(c) - indicates calculated results

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Samples Received on:  
07/03/2017 1016

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
Sample Type: Bubbler Facility ID: CES Main Sample Point ID: Classroom 111 <b>EPA 200.8 - ICPMS Metals</b>									
07/04/17	07/05/17 20:32	1007758	1008126	(EPA 200.8)	Lead Total ICAP/MS	0.66	ug/L	0.5	1
<b>9 Screening (201707030384)</b>						<b>Sampled on 06/27/2017 0630</b>			
Sample Type: Bubbler Facility ID: CES Main Sample Point ID: Classroom 113 <b>EPA 200.8 - ICPMS Metals</b>									
07/04/17	07/05/17 20:33	1007758	1008126	(EPA 200.8)	Lead Total ICAP/MS	1.0	ug/L	0.5	1
<b>10 Screening (201707030385)</b>						<b>Sampled on 06/27/2017 0631</b>			
Sample Type: Bubbler Facility ID: CES Main Sample Point ID: Classroom 112 <b>EPA 200.8 - ICPMS Metals</b>									
07/04/17	07/05/17 20:34	1007758	1008126	(EPA 200.8)	Lead Total ICAP/MS	1.1	ug/L	0.5	1
<b>11 Screening (201707030386)</b>						<b>Sampled on 06/27/2017 0631</b>			
Sample Type: Bubbler Facility ID: CES Main Sample Point ID: Classroom 114 <b>EPA 200.8 - ICPMS Metals</b>									
07/04/17	07/05/17 20:35	1007758	1008126	(EPA 200.8)	Lead Total ICAP/MS	0.84	ug/L	0.5	1
<b>12 Screening (201707030387)</b>						<b>Sampled on 06/27/2017 0633</b>			
Sample Type: Bubbler Facility ID: CES Main Sample Point ID: Classroom 115 <b>EPA 200.8 - ICPMS Metals</b>									
07/04/17	07/05/17 20:35	1007758	1008126	(EPA 200.8)	Lead Total ICAP/MS	2.5	ug/L	0.5	1
<b>13 Screening (201707030388)</b>						<b>Sampled on 06/27/2017 0637</b>			
Sample Type: Drinking Fountain Facility ID: CES Main Sample Point ID: A Wing Corridor <b>EPA 200.8 - ICPMS Metals</b>									
07/04/17	07/05/17 20:36	1007758	1008126	(EPA 200.8)	Lead Total ICAP/MS	ND	ug/L	0.5	1
<b>14 Screening (201707030389)</b>						<b>Sampled on 06/27/2017 0655</b>			
Sample Type: Drinking Fountain Facility ID: CES Main Sample Point ID: B Wing Corridor <b>EPA 200.8 - ICPMS Metals</b>									
07/04/17	07/05/17 20:39	1007758	1008126	(EPA 200.8)	Lead Total ICAP/MS	ND	ug/L	0.5	1
<b>15 Screening (201707030390)</b>						<b>Sampled on 06/27/2017 0000</b>			



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School-Confirmation

**Arizona Department of Environmental Quality**  
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Phoenix, AZ 85007

Samples Received on:  
07/03/2017 1016

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
Sample Type: Bubbler Facility ID: CES Main Sample Point ID: # 145 <b>EPA 200.8 - ICPMS Metals</b>									
07/04/17	07/05/17 20:41	1007758	1008126	(EPA 200.8)	Lead Total ICAP/MS	10	ug/L	0.5	1
<b><u>16 Screening (201707030391)</u></b>						<b>Sampled on 06/27/2017 0630</b>			
Sample Type: Kitchen Sink Facility ID: CES Main Sample Point ID: Kitchen <b>EPA 200.8 - ICPMS Metals</b>									
07/04/17	07/05/17 20:42	1007758	1008126	(EPA 200.8)	Lead Total ICAP/MS	ND	ug/L	0.5	1
<b><u>17 Screening (201707030392)</u></b>						<b>Sampled on 06/27/2017 0630</b>			
Sample Type: Kitchen Sink #2 Facility ID: CES Main Sample Point ID: Kitchen <b>EPA 200.8 - ICPMS Metals</b>									
07/04/17	07/05/17 20:43	1007758	1008126	(EPA 200.8)	Lead Total ICAP/MS	1.3	ug/L	0.5	1
<b><u>18 Screening (201707030393)</u></b>						<b>Sampled on 06/27/2017 0635</b>			
Sample Type: Bubbler Facility ID: CES Main Sample Point ID: Classroom 219 <b>EPA 200.8 - ICPMS Metals</b>									
07/04/17	07/05/17 20:43	1007758	1008126	(EPA 200.8)	Lead Total ICAP/MS	1.1	ug/L	0.5	1
<b><u>19 Screening (201707030394)</u></b>						<b>Sampled on 06/27/2017 0635</b>			
Sample Type: Bubbler Facility ID: CES Main Sample Point ID: Classroom 220 <b>EPA 200.8 - ICPMS Metals</b>									
07/04/17	07/05/17 20:44	1007758	1008126	(EPA 200.8)	Lead Total ICAP/MS	9.1	ug/L	0.5	1
<b><u>20 Screening (201707030395)</u></b>						<b>Sampled on 06/27/2017 0636</b>			
Sample Type: Bubbler Facility ID: CES Main Sample Point ID: Classroom 221 <b>EPA 200.8 - ICPMS Metals</b>									
07/04/17	07/05/17 20:45	1007758	1008126	(EPA 200.8)	Lead Total ICAP/MS	13	ug/L	0.5	1
<b><u>21 Screening (201707030396)</u></b>						<b>Sampled on 06/27/2017 0637</b>			
Sample Type: Bubbler Facility ID: CES Main Sample Point ID: Classroom 222 <b>EPA 200.8 - ICPMS Metals</b>									
07/04/17	07/05/17 20:46	1007758	1008126	(EPA 200.8)	Lead Total ICAP/MS	0.93	ug/L	0.5	1
<b><u>22 Screening (201707030397)</u></b>						<b>Sampled on 06/27/2017 0637</b>			

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Samples Received on:  
07/03/2017 1016

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
Sample Type: Bubbler Facility ID: CES Main Sample Point ID: Classroom 226 EPA 200.8 - ICPMS Metals									
07/04/17	07/05/17 20:48	1007758	1008126	(EPA 200.8)	Lead Total ICAP/MS	9.6	ug/L	0.5	1
23 Screening (201707030398)						Sampled on 06/27/2017 0639			
Sample Type: Bubbler Facility ID: CES Main Sample Point ID: Classroom 227 EPA 200.8 - ICPMS Metals									
07/04/17	07/05/17 20:49	1007758	1008126	(EPA 200.8)	Lead Total ICAP/MS	2.5	ug/L	0.5	1
24 Screening (201707030399)						Sampled on 06/27/2017 0640			
Sample Type: Bubbler Facility ID: CES Main Sample Point ID: Classroom 228 EPA 200.8 - ICPMS Metals									
07/04/17	07/05/17 20:53	1007758	1008127	(EPA 200.8)	Lead Total ICAP/MS	16	ug/L	0.5	1
25 Screening (201707030400)						Sampled on 06/27/2017 0641			
Sample Type: Bubbler Facility ID: CES Main Sample Point ID: Classroom 229 EPA 200.8 - ICPMS Metals									
07/04/17	07/05/17 20:55	1007758	1008127	(EPA 200.8)	Lead Total ICAP/MS	10	ug/L	0.5	1
26 Screening (201707030401)						Sampled on 06/27/2017 0641			
Sample Type: Bubbler Facility ID: CES Main Sample Point ID: Classroom 230 EPA 200.8 - ICPMS Metals									
07/04/17	07/05/17 20:58	1007758	1008127	(EPA 200.8)	Lead Total ICAP/MS	1.4	ug/L	0.5	1
27 Screening (201707030402)						Sampled on 06/27/2017 0645			
Sample Type: Bubbler Facility ID: CES Main Sample Point ID: Classroom 210 EPA 200.8 - ICPMS Metals									
07/04/17	07/05/17 20:58	1007758	1008127	(EPA 200.8)	Lead Total ICAP/MS	3.6	ug/L	0.5	1
28 Screening (201707030403)						Sampled on 06/27/2017 0648			
Sample Type: Bubbler Facility ID: CES Main Sample Point ID: Classroom 140 EPA 200.8 - ICPMS Metals									
07/04/17	07/05/17 20:59	1007758	1008127	(EPA 200.8)	Lead Total ICAP/MS	1.1	ug/L	0.5	1
29 Screening (201707030404)						Sampled on 06/27/2017 0649			

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Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
Sample Type: Bubbler Facility ID: CES Main Sample Point ID: Classroom 146 <b>EPA 200.8 - ICPMS Metals</b>									
07/04/17	07/05/17 21:00	1007758	1008127	(EPA 200.8)	Lead Total ICAP/MS	1.5	ug/L	0.5	1
<b><u>30 Screening (201707030405)</u></b>						<b>Sampled on 06/27/2017 0650</b>			
Sample Type: Bubbler Facility ID: CES Main Sample Point ID: Classroom 147 <b>EPA 200.8 - ICPMS Metals</b>									
07/04/17	07/05/17 21:01	1007758	1008127	(EPA 200.8)	Lead Total ICAP/MS	2.8	ug/L	0.5	1
<b><u>Bubbler A103 (201707030406)</u></b>						<b>Sampled on 06/27/2017 0000</b>			
Sample Type: Bubbler Facility ID: CES Main Sample Point ID: A103 <b>EPA 200.8 - ICPMS Metals</b>									
07/04/17	07/05/17 21:02	1007758	1008127	(EPA 200.8)	Lead Total ICAP/MS	1.9	ug/L	0.5	1
<b><u>Bubbler A139 (201707030407)</u></b>						<b>Sampled on 06/27/2017 0000</b>			
Sample Type: Bubbler Facility ID: CES Main Sample Point ID: A139 <b>EPA 200.8 - ICPMS Metals</b>									
07/04/17	07/05/17 21:02	1007758	1008127	(EPA 200.8)	Lead Total ICAP/MS	1.4	ug/L	0.5	1

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Arizona Department of Environmental Quality

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**ICPMS Metals**

**Prep Batch: 1007758 Analytical Batch: 1007828**

**Analysis Date: 07/05/2017**

201707030376	1 Confirmation - First Draw
201707030377	2 Confirmation - Flush
201707030378	3 Confirmation First Draw Day 2

Analyzed by: DTN  
Analyzed by: DTN  
Analyzed by: DTN

**ICPMS Metals**

**Prep Batch: 1007758 Analytical Batch: 1008126**

**Analysis Date: 07/05/2017**

201707030379	4 Screening
201707030380	5 Screening
201707030381	6 Screening
201707030382	7 Screening
201707030383	8 Screening
201707030384	9 Screening
201707030385	10 Screening
201707030386	11 Screening
201707030387	12 Screening
201707030388	13 Screening
201707030389	14 Screening
201707030390	15 Screening
201707030391	16 Screening
201707030392	17 Screening
201707030393	18 Screening
201707030394	19 Screening
201707030395	20 Screening
201707030396	21 Screening
201707030397	22 Screening
201707030398	23 Screening

Analyzed by: CYP  
Analyzed by: CYP  
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Analyzed by: CYP

**ICPMS Metals**

**Prep Batch: 1007758 Analytical Batch: 1008127**

**Analysis Date: 07/05/2017**

201707030399	24 Screening
201707030400	25 Screening
201707030401	26 Screening
201707030402	27 Screening
201707030403	28 Screening
201707030404	29 Screening
201707030405	30 Screening
201707030406	Bubbler A103
201707030407	Bubbler A139

Analyzed by: CYP  
Analyzed by: CYP  
Analyzed by: CYP  
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Analyzed by: CYP  
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QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
<b>ICPMS Metals by EPA 200.8</b>									
<b>Analytical Batch: 1007828</b>					<b>Analysis Date: 07/05/2017</b>				
LCS1	Lead Total ICAP/MS		20	20.5	ug/L	102	(85-115)		
LCS2	Lead Total ICAP/MS		20	20.5	ug/L	102	(85-115)	20	0.0
MBLK	Lead Total ICAP/MS			<0.25	ug/L				
MRL_CHK	Lead Total ICAP/MS		0.5	0.535	ug/L	107	(50-150)		
MS_201707030376	Lead Total ICAP/MS	7.1	20	26.5	ug/L	97	(70-130)		
MSD_201707030376	Lead Total ICAP/MS	7.1	20	26.6	ug/L	97	(70-130)	20	0.38
<b>ICPMS Metals by EPA 200.8</b>									
<b>Analytical Batch: 1008126</b>					<b>Analysis Date: 07/05/2017</b>				
LCS1	Lead Total ICAP/MS		20	20.6	ug/L	103	(85-115)		
LCS2	Lead Total ICAP/MS		20	20.3	ug/L	101	(85-115)	20	1.5
MBLK	Lead Total ICAP/MS			<0.25	ug/L				
MRL_CHK	Lead Total ICAP/MS		0.5	0.524	ug/L	105	(50-150)		
MS_201707030379	Lead Total ICAP/MS	1.2	20	23.8	ug/L	113	(70-130)		
MS2_201707030389	Lead Total ICAP/MS	ND	20	22.2	ug/L	111	(70-130)		
MSD_201707030379	Lead Total ICAP/MS	1.2	20	24.2	ug/L	115	(70-130)	20	1.7
MSD2_201707030389	Lead Total ICAP/MS	ND	20	21.6	ug/L	108	(70-130)	20	2.7
<b>ICPMS Metals by EPA 200.8</b>									
<b>Analytical Batch: 1008127</b>					<b>Analysis Date: 07/05/2017</b>				
LCS1	Lead Total ICAP/MS		20	19.3	ug/L	96	(85-115)		
LCS2	Lead Total ICAP/MS		20	19.4	ug/L	97	(85-115)	20	0.52
MBLK	Lead Total ICAP/MS			<0.25	ug/L				
MRL_CHK	Lead Total ICAP/MS		0.5	0.500	ug/L	100	(50-150)		
MS_201707030399	Lead Total ICAP/MS	16	20	37.6	ug/L	108	(70-130)		
MS2_201707040116	Lead Total ICAP/MS	1.4	20	23.4	ug/L	110	(70-130)		
MSD_201707030399	Lead Total ICAP/MS	16	20	38.0	ug/L	110	(70-130)	20	1.1
MSD2_201707040116	Lead Total ICAP/MS	1.4	20	22.6	ug/L	106	(70-130)	20	3.5

Spike recovery is already corrected for native results.

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.

Criteria for MS and Dup are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

RPD not calculated for LCS2 when different a concentration than LCS1 is used.

RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level).

(S) - Indicates surrogate compound.

(I) - Indicates internal standard compound.