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Laboratory Report

for

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

Date of Issue
06/23/2017



Eurofins Eaton
Analytical, Inc.

TDF: Thomas.D.French
Project Manager

Report:668009
Project:KAYENTA-UD
ADHS License #:AZ0778
Group:Kayenta Primary School
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 HCO ₃	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 CO ₃	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-CLO ₂ 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-SiO ₂ C	x	x	
Sulfide	SM 4500-S ⁻ D		x	
Sulfite	SM 4500-SO ₃ 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 #: 668009
Project: KAYENTA-UD
Sample Group: Kayenta Primary School

Project Manager: Thomas.D.French
Phone: (480) 778-1558
PO #: ADEQ16-116686:3

The following samples were received from you on **June 21, 2017 at 1035**. 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>201706210888</u>	1001	06/12/2017 1516
	Sample Type: Sink Facility ID: Not Provided Sample Point ID: Gym Classroom	
	@ICPMS	Freight - Outbound
		Freight - Return
<u>201706210889</u>	1002	06/12/2017 1528
	Sample Type: Sink Facility ID: Not Provided Sample Point ID: Rm 118	
	@ICPMS	
<u>201706210890</u>	1002	06/12/2017 1536
	Sample Type: Sink Facility ID: Not Provided Sample Point ID: Rm 115	
	@ICPMS	
<u>201706210891</u>	1003	06/12/2017 1541
	Sample Type: Sink Facility ID: Not Provided Sample Point ID: Rm 110	
	@ICPMS	
<u>201706210892</u>	1003	06/12/2017 1546
	Sample Type: Sink Facility ID: Not Provided Sample Point ID: Rm 109	
	@ICPMS	
<u>201706210893</u>	1005 A	06/12/2017 1555
	Sample Type: Not Provided Facility ID: Cafeteria Sample Point ID: Not Provided	
	@ICPMS	
<u>201706210894</u>	1005 B	06/12/2017 1550
	Sample Type: Not Provided Facility ID: Cafeteria Sample Point ID: Not Provided	
	@ICPMS	
<u>201706210895</u>	1006	06/12/2017 1524

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Sample #	Sample ID	Sample Date
	Sample Type: Sink Facility ID: Not Provided Sample Point ID: Custodial Ofc @ICPMS	
<u>201706210896</u>	1008	06/12/2017 1519
	Sample Type: Sink Facility ID: Not Provided Sample Point ID: Front Ofc/Counselor @ICPMS	
<u>201706210897</u>	1008	06/12/2017 1521
	Sample Type: Sink Facility ID: Not Provided Sample Point ID: Admin Front Ofc @ICPMS	
<u>201706210898</u>	1017	06/12/2017 1515
	Sample Type: Sink Facility ID: Rm 111 Sample Point ID: Classroom 111 @ICPMS	
<u>201706210899</u>	1018	06/12/2017 1532
	Sample Type: Sink Facility ID: Not Provided Sample Point ID: Rm 116 @ICPMS	

Test Description

@ICPMS -- ICPMS Metals

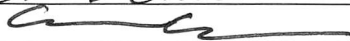
Collection Log

for experienced sample collectors

668009

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	KUSD
School Name	Kapanta Primary Sch
Building (name/number)	
Type of Fixture (tap, drinking fountain etc.)	Sink
Location of Fixture (example, room number)	Room Gym Classroom
Sample Identification Number (<u>Write this number on the sample container and on this sheet</u>)	1001
Date of Collection	6/12/17
Time of Collection	3:16pm
Printed Name of Sample Collector	Chris Clow
Signature Sample Collector	

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	6-21-17 10:35
Signature	MAV
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.

Collection Log

for experienced sample collectors

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Name of School District	KUSD
School Name	Kayenta Pri. Sch
Building (name/number)	
Type of Fixture (tap, drinking fountain etc.)	Sink
Location of Fixture (example, room number)	Rm 118
Sample Identification Number (<u>Write this number on the sample container and on this sheet</u>)	1002
Date of Collection	6/12/17
Time of Collection	3:28
Printed Name of Sample Collector	Chris Claw
Signature Sample Collector	

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	6.21.17 10:35
Signature	MAV
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

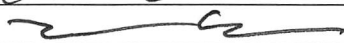
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Collection Log

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Name of School District	KUSD
School Name	Keyworth Pri. Sch.
Building (name/number)	
Type of Fixture (tap, drinking fountain etc.)	Sink
Location of Fixture (example, room number)	Rm. 115
Sample Identification Number (<u>Write this number on the sample container and on this sheet</u>)	1002
Date of Collection	6/12/17
Time of Collection	3:36
Printed Name of Sample Collector	Chris Claw
Signature Sample Collector	

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	6-21-17 10:35
Signature	MAV
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

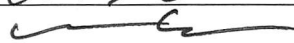
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Collection Log

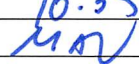
for experienced sample collectors

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Name of School District	KUSD
School Name	Kigarty Pri. Sch.
Building (name/number)	
Type of Fixture (tap, drinking fountain etc.)	Sink
Location of Fixture (example, room number)	Rm. 110
Sample Identification Number (<u>Write this number on the sample container and on this sheet</u>)	1003
Date of Collection	6/12/17
Time of Collection	3:41
Printed Name of Sample Collector	Chris Claw
Signature Sample Collector	

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	6.21.17 10:35
Signature	
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

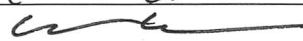
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Collection Log

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Name of School District	KUSD
School Name	Keyak Pri. Sch.
Building (name/number)	
Type of Fixture (tap, drinking fountain etc.)	Sink
Location of Fixture (example, room number)	Rm. 109
Sample Identification Number (<u>Write this number on the sample container and on this sheet</u>)	1003
Date of Collection	6/12/17
Time of Collection	3:46
Printed Name of Sample Collector	Chris Claw
Signature Sample Collector	

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	6.21.17 10:35
Signature	MAV
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

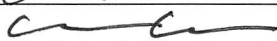
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Collection Log

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Name of School District	KUSD
School Name	Kayrock RRI Sch.
Building (name/number)	
Type of Fixture (tap, drinking fountain etc.)	Drinking fountain
Location of Fixture (example, room number)	dining area Water fountain
Sample Identification Number (<u>Write this number on the sample container and on this sheet</u>)	1005
Date of Collection	6/12/17
Time of Collection	3:55
Printed Name of Sample Collector	Chris Claw
Signature Sample Collector	

Notes Sample collector:

Rec'd 2 bottles
same ID
1005 Cafeteria

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	6-21-17 10:35
Signature	MAV
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

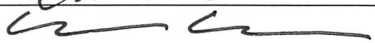
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Collection Log

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Name of School District	Kaysville KUSD
School Name	Kaysville Pri School
Building (name/number)	
Type of Fixture (tap, drinking fountain etc.)	Sink
Location of Fixture (example, room number)	Kitchen
Sample Identification Number (<u>Write this number on the sample container and on this sheet</u>)	1005
Date of Collection	6/12/17
Time of Collection	3:50
Printed Name of Sample Collector	Chris Chu
Signature Sample Collector	

Notes Sample collector:	Rec'd 2 bottles same 1005 Cafeteria
-------------------------	--

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	6.21.17 10:35
Signature	MAV
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____


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Collection Log

for experienced sample collectors

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Name of School District	KUSD
School Name	KPS
Building (name/number)	
Type of Fixture (tap, drinking fountain etc.)	Sink
Location of Fixture (example, room number)	Custodial etc.
Sample Identification Number (<u>Write this number on the sample container and on this sheet</u>)	1006
Date of Collection	6/12/2017
Time of Collection	3:24
Printed Name of Sample Collector	Chris Claw
Signature Sample Collector	

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	6.21.17 10:35
Signature	MAV
Notes:	

For relinquishing samples upon delivery to labs only

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Collection Log

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Name of School District	KUSD
School Name	KPS
Building (name/number)	
Type of Fixture (tap, drinking fountain etc.)	Sink
Location of Fixture (example, room number)	Front of Counselor
Sample Identification Number (<u>Write this number on the sample container and on this sheet</u>)	1008
Date of Collection	6/12/17
Time of Collection	3:19
Printed Name of Sample Collector	Chris Clew
Signature Sample Collector	

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	6-21-17 10:35
Signature	MAV
Notes:	

For relinquishing samples upon delivery to labs only

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Collection Log

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Name of School District	KUSD
School Name	KPS
Building (name/number)	
Type of Fixture (tap, drinking fountain etc.)	Sink
Location of Fixture (example, room number)	Admin Front Ofc.
Sample Identification Number (<u>Write this number on the sample container and on this sheet</u>)	1008
Date of Collection	6/12/17
Time of Collection	3:21
Printed Name of Sample Collector	Chris Claw
Signature Sample Collector	

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	6-21-17 10:35
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Name of School District	Kaysville Pri. Sch. KUSD
School Name	Kaysville Pri. Sch.
Building (name/number)	Rm. 111
Type of Fixture (tap, drinking fountain etc.)	Sink
Location of Fixture (example, room number)	Classroom 111
Sample Identification Number (<u>Write this number on the sample container and on this sheet</u>)	1017
Date of Collection	6/12/2017
Time of Collection	3:15 pm
Printed Name of Sample Collector	Chris Claw
Signature Sample Collector	

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	6.21.17 10:35
Signature	MAV
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.

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	ICUSD
School Name	Kayenta Pri. Sch.
Building (name/number)	
Type of Fixture (tap, drinking fountain etc.)	Sink
Location of Fixture (example, room number)	Rm. 116
Sample Identification Number (<u>Write this number on the sample container and on this sheet</u>)	1018
Date of Collection	6/12/17
Time of Collection	3:32
Printed Name of Sample Collector	Chris Law
Signature Sample Collector	

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	6.21.17 10:35
Signature	MAV
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.

750 Royal Oaks Drive, Suite 100
Monrovia, California 91016-3629
(626) 386-1100 FAX (626) 386-1101

Kit #: 169557



Created By: Thomas.D.French - [TDF]
Deliver By: 05/11/2017
STG: Bottle Orders
Ice Type: W

Note: Sampler Please return this paper with your samples

Client ID: ADEQ-LEAD
Project Code: KAYENTA-UD Bottle Orders
Group Name: Kayenta Primary School
PO#/JOB#: ADEQ16-116686:3

Ship Sample Kits to
Kayenta Unified School District
North Highway 163 & Mustang Boulevard
Kayenta, AZ 86033-0337

Attn: Chris Claw-District Safety
Coordinator

Send Report to
Arizona Department of Environmental
Quality
1110 West Washington Street
Phoenix, AZ 85007

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

Billing Address
Arizona Department of Environmental
Quality
1110 West Washington Street
Phoenix, AZ 85007

Attn: ADEQ
Phone: (602) 771-1936

of

Sample Tests

34 @ICPMS

Bottle Qty - Type [preservative information]

1 - 250ml poly [no preservative]

UN DOT #

Comments

Kayenta Primary School - Include Kayenta Unified District School-Specific Sample list, 34 Lead Sampling Plan Records, packing instructions for return shipment to Eurofins Eaton Analytical, Inc. 750 Royal Oaks Drive, Suite C, Monrovia, CA 91016. 34 sample containers. Return Shipment Fed EX

Sampler - please refer to Sampling Plan Records for instructions on completing paperwork and what to include with return shipment of the samples.



Eaton Analytical

INTERNAL CHAIN OF CUSTODY RECORD

EEA Folder Number: 668009

SAMPLE TEMP RECEIVED:

SAMPLES REC'D DAY OF COLLECTION? ☐

IR Gun ID = 401A (Observation = 30.9 °C) (Corr. Factor -0.2 °C) (Final = 30.7 °C)

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: FedEx

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.

RECEIVED BY: <u>[Signature]</u>	PRINT NAME <u>my</u>	COMPANY/TITLE <u>Eurofins Eaton Analytical</u>	DATE <u>6/24/17</u>	TIME <u>10:35</u>
---------------------------------	----------------------	--	---------------------	-------------------



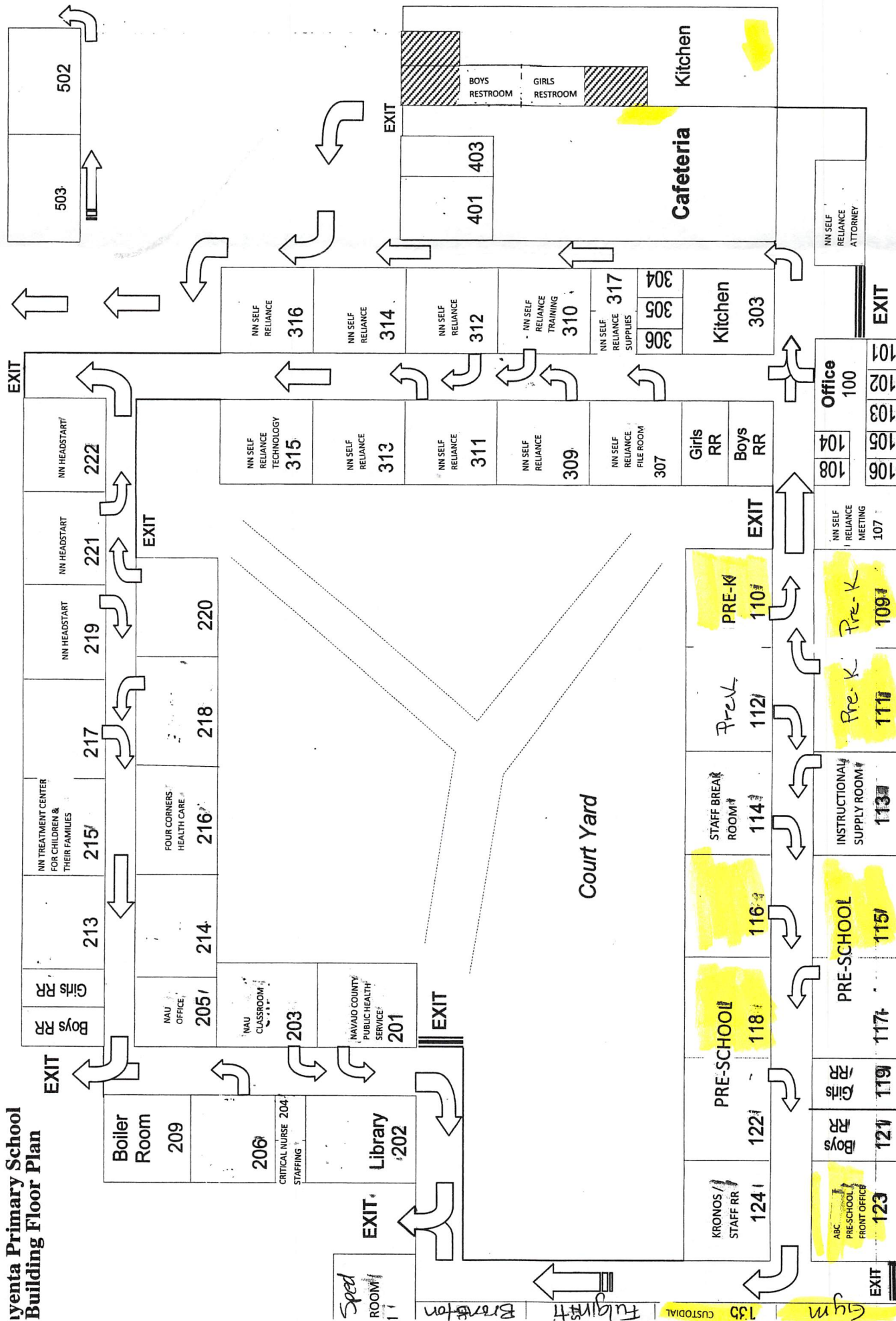
Kayenta Unified District	Kayenta Primary School	1001	1001	Classrooms, Gym	1960	Navajo	2 ●
Kayenta Unified District	Kayenta Primary School	1002	1002	Classrooms	1964	Navajo	2
Kayenta Unified District	Kayenta Primary School	1003	1003	Classrooms, Music	1964	Navajo	2
Kayenta Unified District	Kayenta Primary School	1004	1004	(no stage) Stage	1964	Navajo	2 N/A
Kayenta Unified District	Kayenta Primary School	1005	1005	Cafeteria	1980	Navajo	2
Kayenta Unified District	Kayenta Primary School	1006	1006	Mech, Custodial	1980	Navajo	2 1
Kayenta Unified District	Kayenta Primary School	1007	1007	No water Library, Classrooms	1985	Navajo	2 N/A
Kayenta Unified District	Kayenta Primary School	1008	1008	Admin., Counselor	1985	Navajo	2
Kayenta Unified District	Kayenta Primary School	1009	1009	No water/move Bus Garage	1960	Navajo	2 N/A
Kayenta Unified District	Kayenta Primary School	1010	1010	none Warehouse	1960	Navajo	2 N/A

Kayenta Unified District	Kayenta Primary School	1011	1011	ND water Hogan, Counsel	1978	Navajo	2	1	2	1	NA	NA water in the Apts Area (getting them ready to be removed.)
Kayenta Unified District	Kayenta Primary School	1012	1012	Housing	1960	Navajo	2	NA	NA	NA	NA	
Kayenta Unified District	Kayenta Primary School	1013	1013	Housing	1960	Navajo	2	NA	NA	NA	NA	
Kayenta Unified District	Kayenta Primary School	1014	1014	Housing	1964	Navajo	2	NA	NA	NA	NA	
Kayenta Unified District	Kayenta Primary School	1015	1015	Housing	1964	Navajo	2	NA	NA	NA	NA	
Kayenta Unified District	Kayenta Primary School	1016	1016	No water/closed Portable Classrooms	1999	Navajo	X	NA	NA	NA	NA	
Kayenta Unified District	Kayenta Primary School	1017	3008 (Moved from KMS)	Classrooms	1996	Navajo	1					
Kayenta Unified District	Kayenta Primary School	1018	3009 (Moved from KMS)	Classrooms	1998	Navajo	1					
Kayenta Unified District	Kayenta Primary School	1019	Bldg 1001	Vestibule addition to south	2011	Navajo	X	NA	NA	NA	NA	no water

Total Containers

34

**Iyenta Primary School
Building Floor Plan**



Tel: (626) 386-1100
Fax: (866) 988-3757
1 800 566 LABS (1 800 566 5227)

Laboratory Comments

Report: 668009
Project: KAYENTA-UD
Group: Kayenta Primary School

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

Tel: (626) 386-1100
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Report: 668009
Project: KAYENTA-UD
Group: Kayenta Primary School

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

Samples Received on:
06/21/2017 1035

Analyzed	Analyte	Sample ID	Result	Federal MCL	Units	MRL
06/22/2017 20:20	201706210888 Lead Total ICAP/MS	<u>1001</u>	3.0	15	ug/L	0.5
06/22/2017 20:21	201706210889 Lead Total ICAP/MS	<u>1002</u>	1.4	15	ug/L	0.5
06/22/2017 20:22	201706210890 Lead Total ICAP/MS	<u>1002</u>	1.8	15	ug/L	0.5
06/22/2017 20:23	201706210891 Lead Total ICAP/MS	<u>1003</u>	0.82	15	ug/L	0.5
06/22/2017 20:24	201706210892 Lead Total ICAP/MS	<u>1003</u>	2.7	15	ug/L	0.5
06/22/2017 20:24	201706210893 Lead Total ICAP/MS	<u>1005 A</u>	0.96	15	ug/L	0.5
06/22/2017 20:25	201706210894 Lead Total ICAP/MS	<u>1005 B</u>	3.7	15	ug/L	0.5
06/22/2017 20:26	201706210895 Lead Total ICAP/MS	<u>1006</u>	3.7	15	ug/L	0.5
06/22/2017 20:32	201706210896 Lead Total ICAP/MS	<u>1008</u>	36	15	ug/L	0.5
06/22/2017 20:34	201706210897 Lead Total ICAP/MS	<u>1008</u>	5.3	15	ug/L	0.5
06/22/2017 20:35	201706210898 Lead Total ICAP/MS	<u>1017</u>	0.51	15	ug/L	0.5

SUMMARY OF POSITIVE DATA ONLY

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Report: 668009
Project: KAYENTA-UD
Group: Kayenta Primary School

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

Samples Received on:
06/21/2017 1035

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
1001 (201706210888)						Sampled on 06/12/2017 1516			
Sample Type: Sink Facility ID: Not Provided Sample Point ID: Gym Classroom									
EPA 200.8 - ICPMS Metals									
06/22/17	06/22/17 20:20	1005257	1005363	(EPA 200.8)	Lead Total ICAP/MS	3.0	ug/L	0.5	1
1002 (201706210889)						Sampled on 06/12/2017 1528			
Sample Type: Sink Facility ID: Not Provided Sample Point ID: Rm 118									
EPA 200.8 - ICPMS Metals									
06/22/17	06/22/17 20:21	1005257	1005363	(EPA 200.8)	Lead Total ICAP/MS	1.4	ug/L	0.5	1
1002 (201706210890)						Sampled on 06/12/2017 1536			
Sample Type: Sink Facility ID: Not Provided Sample Point ID: Rm 115									
EPA 200.8 - ICPMS Metals									
06/22/17	06/22/17 20:22	1005257	1005363	(EPA 200.8)	Lead Total ICAP/MS	1.8	ug/L	0.5	1
1003 (201706210891)						Sampled on 06/12/2017 1541			
Sample Type: Sink Facility ID: Not Provided Sample Point ID: Rm 110									
EPA 200.8 - ICPMS Metals									
06/22/17	06/22/17 20:23	1005257	1005363	(EPA 200.8)	Lead Total ICAP/MS	0.82	ug/L	0.5	1
1003 (201706210892)						Sampled on 06/12/2017 1546			
Sample Type: Sink Facility ID: Not Provided Sample Point ID: Rm 109									
EPA 200.8 - ICPMS Metals									
06/22/17	06/22/17 20:24	1005257	1005363	(EPA 200.8)	Lead Total ICAP/MS	2.7	ug/L	0.5	1
1005 A (201706210893)						Sampled on 06/12/2017 1555			
Sample Type: Not Provided Facility ID: Cafeteria Sample Point ID: Not Provided									
EPA 200.8 - ICPMS Metals									
06/22/17	06/22/17 20:24	1005257	1005363	(EPA 200.8)	Lead Total ICAP/MS	0.96	ug/L	0.5	1
1005 B (201706210894)						Sampled on 06/12/2017 1550			
Sample Type: Not Provided Facility ID: Cafeteria Sample Point ID: Not Provided									
EPA 200.8 - ICPMS Metals									
06/22/17	06/22/17 20:25	1005257	1005363	(EPA 200.8)	Lead Total ICAP/MS	3.7	ug/L	0.5	1
1006 (201706210895)						Sampled on 06/12/2017 1524			

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

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Report: 668009
Project: KAYENTA-UD
Group: Kayenta Primary School

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

Samples Received on:
06/21/2017 1035

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
Sample Type: Sink Facility ID: Not Provided Sample Point ID: Custodial Ofc EPA 200.8 - ICPMS Metals									
06/22/17	06/22/17 20:26	1005257	1005363	(EPA 200.8)	Lead Total ICAP/MS	3.7	ug/L	0.5	1
<u>1008 (201706210896)</u>						Sampled on 06/12/2017 1519			
Sample Type: Sink Facility ID: Not Provided Sample Point ID: Front Ofc/Counselor EPA 200.8 - ICPMS Metals									
06/22/17	06/22/17 20:32	1005257	1005364	(EPA 200.8)	Lead Total ICAP/MS	36	ug/L	0.5	1
<u>1008 (201706210897)</u>						Sampled on 06/12/2017 1521			
Sample Type: Sink Facility ID: Not Provided Sample Point ID: Admin Front Ofc EPA 200.8 - ICPMS Metals									
06/22/17	06/22/17 20:34	1005257	1005364	(EPA 200.8)	Lead Total ICAP/MS	5.3	ug/L	0.5	1
<u>1017 (201706210898)</u>						Sampled on 06/12/2017 1515			
Sample Type: Sink Facility ID: Rm 111 Sample Point ID: Classroom 111 EPA 200.8 - ICPMS Metals									
06/22/17	06/22/17 20:35	1005257	1005364	(EPA 200.8)	Lead Total ICAP/MS	0.51	ug/L	0.5	1
<u>1018 (201706210899)</u>						Sampled on 06/12/2017 1532			
Sample Type: Sink Facility ID: Not Provided Sample Point ID: Rm 116 EPA 200.8 - ICPMS Metals									
06/22/17	06/22/17 20:35	1005257	1005364	(EPA 200.8)	Lead Total ICAP/MS	ND	ug/L	0.5	1

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Laboratory QC Summary

Report: 668009
Project: KAYENTA-UD
Group: Kayenta Primary School

Arizona Department of Environmental Quality

ICPMS Metals

Prep Batch: 1005257 Analytical Batch: 1005363

201706210888	1001
201706210889	1002
201706210890	1002
201706210891	1003
201706210892	1003
201706210893	1005 A
201706210894	1005 B
201706210895	1006

Analysis Date: 06/22/2017

Analyzed by: AZS
Analyzed by: AZS
Analyzed by: AZS
Analyzed by: AZS
Analyzed by: AZS
Analyzed by: AZS
Analyzed by: AZS

ICPMS Metals

Prep Batch: 1005257 Analytical Batch: 1005364

201706210896	1008
201706210897	1008
201706210898	1017
201706210899	1018

Analysis Date: 06/22/2017

Analyzed by: AZS
Analyzed by: AZS
Analyzed by: AZS
Analyzed by: AZS

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Report: 668009
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Arizona Department of Environmental Quality

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
ICPMS Metals by EPA 200.8									
Analytical Batch: 1005363					Analysis Date: 06/22/2017				
LCS1	Lead Total ICAP/MS		20	19.5	ug/L	98	(85-115)		
LCS2	Lead Total ICAP/MS		20	19.7	ug/L	99	(85-115)	20	1.0
MBLK	Lead Total ICAP/MS			<0.25	ug/L				
MRL_CHK	Lead Total ICAP/MS		0.5	0.543	ug/L	109	(50-150)		
MS_201706210791	Lead Total ICAP/MS	0.67	20	23.8	ug/L	116	(70-130)		
MS2_201706210802	Lead Total ICAP/MS	ND	20	23.0	ug/L	115	(70-130)		
MSD_201706210791	Lead Total ICAP/MS	0.67	20	23.6	ug/L	114	(70-130)	20	0.84
MSD2_201706210802	Lead Total ICAP/MS	ND	20	22.7	ug/L	114	(70-130)	20	1.8
ICPMS Metals by EPA 200.8									
Analytical Batch: 1005364					Analysis Date: 06/22/2017				
LCS1	Lead Total ICAP/MS		20	19.4	ug/L	97	(85-115)		
LCS2	Lead Total ICAP/MS		20	19.4	ug/L	97	(85-115)	20	0.0
MBLK	Lead Total ICAP/MS			<0.25	ug/L				
MRL_CHK	Lead Total ICAP/MS		0.5	0.534	ug/L	107	(50-150)		
MS2_201706210896	Lead Total ICAP/MS	36	20	59.3	ug/L	116	(70-130)		
MSD2_201706210896	Lead Total ICAP/MS	36	20	58.6	ug/L	113	(70-130)	20	1.2

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.