



Alpha

Alpha Analytical Laboratories Inc.

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Corporate: 208 Mason St., Ukiah, CA 95482 • Phone: (707) 468-0401 • Fax: (707) 468-5267

Bay Area: 6398 Dougherty Rd., Suite 35, Dublin, CA 94568 • Phone: (925) 828-6226 • Fax: (925) 828-6309

Central Valley: 9090 Union Park Way, Suite 113, Elk Grove, CA 95624 • Phone: (916) 686-5190 • Fax: (916) 686-5192

ELAP Certificates 1551, 2728, and 2922

25 August 2016

Sample Traps, LLC

Attn: Quality Control Manager

6398 Dougherty Road, Suite 36

Dublin, CA 94568

RE: QC- DistillaPure

Work Order: 16H1014

Enclosed are the results of analyses for samples received by the laboratory on 08/09/16 21:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jeanette L. Poplin For Chelsea L. Sandelin
Project Manager



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Sample Traps, LLC
6398 Dougherty Road, Suite 36
Dublin CA, 94568

Project Manager: Quality Control Manager
Project: QC- DistillaPure
Project Number: [none]

Reported:
08/25/16 13:05

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
H2O-160808	16H1014-01	Water	08/09/16 15:00	08/09/16 21:00



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Sample Traps, LLC
6398 Dougherty Road, Suite 36
Dublin CA, 94568

Project Manager: Quality Control Manager
Project: QC- DistillaPure
Project Number: [none]

Reported:
08/25/16 13:05

Metals (Drinking Water) by EPA 200 Series Methods

Analyte	Result	MDL	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	Notes
			Limit									
H2O-160808 (16H1014-01) Water Sampled: 08/09/16 15:00 Received: 08/09/16 21:00												
Calcium	ND	0.020	1.0		mg/L	1	AH63832	08/19/16 10:51	08/22/16 15:37	EPA 200.7	MAM	U
Magnesium	ND	0.0080	1.0		mg/L	1	AH63832	08/19/16 10:51	08/22/16 15:37	EPA 200.7	MAM	U
Potassium	ND	0.040	1.0		mg/L	1	AH63832	08/19/16 10:51	08/22/16 15:37	EPA 200.7	MAM	U
Sodium	0.031	0.020	1.0		mg/L	1	AH63832	08/19/16 10:51	08/22/16 15:37	EPA 200.7	MAM	J



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Project Manager: Quality Control Manager
Project: QC- DistillaPure
Project Number: [none]

Reported:
08/25/16 13:05

Metals by EPA 200 Series Methods

Analyte	Result	MDL	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	Notes
			Limit									
H2O-160808 (16H1014-01) Water Sampled: 08/09/16 15:00 Received: 08/09/16 21:00												
Mercury	ND	0.010	0.020	ug/L	1	AH63620	08/15/16 08:30	08/15/16 12:00	EPA 245.1	JJM		U
Tin	ND	0.020	0.050	mg/L	1	AH63832	08/19/16 10:51	08/22/16 15:37	EPA 200.7	MAM		U



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Project Manager: Quality Control Manager
Project: QC- DistillaPure
Project Number: [none]

Reported:
08/25/16 13:05

Metals by EPA Method 200.8 ICP/MS

Analyte	Result	MDL	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	Notes
			Limit									
H2O-160808 (16H1014-01) Water Sampled: 08/09/16 15:00 Received: 08/09/16 21:00												
												P-02
Aluminum	3.1	2.0	10	ug/L	1	AH63809	08/18/16 14:51	08/22/16 12:57	EPA 200.8	MMY	J	
Antimony	ND	0.020	0.50	ug/L	1	AH63809	08/18/16 14:51	08/19/16 15:52	EPA 200.8	MMY	U	
Arsenic	0.22	0.20	0.50	ug/L	1	AH63809	08/18/16 14:51	08/19/16 15:52	EPA 200.8	MMY	J	
Barium	0.053	0.030	0.50	ug/L	1	AH63809	08/18/16 14:51	08/19/16 15:52	EPA 200.8	MMY	J	
Beryllium	ND	0.020	0.10	ug/L	1	AH63809	08/18/16 14:51	08/19/16 15:52	EPA 200.8	MMY	U	
Boron	12	6.0	50	ug/L	1	AH63809	08/18/16 14:51	08/19/16 15:52	EPA 200.8	MMY	J	
Cadmium	ND	0.020	0.10	ug/L	1	AH63809	08/18/16 14:51	08/19/16 15:52	EPA 200.8	MMY	U	
Chromium	0.14	0.080	0.50	ug/L	1	AH63809	08/18/16 14:51	08/19/16 15:52	EPA 200.8	MMY	J	
Cobalt	ND	0.010	0.10	ug/L	1	AH63809	08/18/16 14:51	08/19/16 15:52	EPA 200.8	MMY	U	
Copper	0.25	0.040	0.50	ug/L	1	AH63809	08/18/16 14:51	08/19/16 15:52	EPA 200.8	MMY	J	
Iron	5.3	2.0	50	ug/L	1	AH63809	08/18/16 14:51	08/19/16 15:52	EPA 200.8	MMY	J	
Lead	ND	0.020	0.25	ug/L	1	AH63809	08/18/16 14:51	08/19/16 15:52	EPA 200.8	MMY	U	
Manganese	0.094	0.030	5.0	ug/L	1	AH63809	08/18/16 14:51	08/19/16 15:52	EPA 200.8	MMY	J	
Molybdenum	ND	0.020	0.25	ug/L	1	AH63809	08/18/16 14:51	08/19/16 15:52	EPA 200.8	MMY	U	
Nickel	ND	0.060	0.50	ug/L	1	AH63809	08/18/16 14:51	08/19/16 15:52	EPA 200.8	MMY	U	
Selenium	ND	0.20	2.0	ug/L	1	AH63809	08/18/16 14:51	08/19/16 15:52	EPA 200.8	MMY	U	
Silver	ND	0.050	0.10	ug/L	1	AH63809	08/18/16 14:51	08/19/16 15:52	EPA 200.8	MMY	U	
Thallium	ND	0.020	0.10	ug/L	1	AH63809	08/18/16 14:51	08/19/16 15:52	EPA 200.8	MMY	U	
Vanadium	ND	0.50	1.0	ug/L	1	AH63809	08/18/16 14:51	08/19/16 15:52	EPA 200.8	MMY	U	
Zinc	0.95	0.50	5.0	ug/L	1	AH63809	08/18/16 14:51	08/19/16 15:52	EPA 200.8	MMY	J	



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Sample Traps, LLC
6398 Dougherty Road, Suite 36
Dublin CA, 94568

Project Manager: Quality Control Manager
Project: QC- DistillaPure
Project Number: [none]

Reported:
08/25/16 13:05

Anions by EPA Method 300.0

Analyte	Result	MDL	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	Notes
			Limit									
H2O-160808 (16H1014-01) Water Sampled: 08/09/16 15:00 Received: 08/09/16 21:00												
Fluoride	ND	0.070	0.10		mg/L	1	AH63518	08/10/16 20:32	08/10/16 20:32	EPA 300.0	SMP	U
Nitrate as NO3	ND	0.20	1.0		mg/L	1	AH63518	08/10/16 20:32	08/10/16 20:32	EPA 300.0	SMP	U
Nitrite as NO2	ND	0.070	1.0		mg/L	1	AH63518	08/10/16 20:32	08/10/16 20:32	EPA 300.0	SMP	U
Sulfate as SO4	ND	0.20	0.50		mg/L	1	AH63518	08/10/16 20:32	08/10/16 20:32	EPA 300.0	SMP	U



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Sample Traps, LLC
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Dublin CA, 94568

Project Manager: Quality Control Manager
Project: QC- DistillaPure
Project Number: [none]

Reported:
08/25/16 13:05

Metals (Drinking Water) by EPA 200 Series Methods - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch AH63832 - Metals Digest

Blank (AH63832-BLK1)

Prepared: 08/19/16 Analyzed: 08/22/16

Calcium	ND	0.020	1.0	mg/L							U
Magnesium	ND	0.0080	1.0	mg/L							U
Potassium	ND	0.040	1.0	mg/L							U
Sodium	ND	0.020	1.0	mg/L							U

LCS (AH63832-BS1)

Prepared: 08/19/16 Analyzed: 08/22/16

Calcium	7.12	0.020	1.0	mg/L	8.00		89.0	85-115			
Magnesium	6.91	0.0080	1.0	mg/L	8.00		86.4	85-115			
Potassium	7.11	0.040	1.0	mg/L	8.00		88.9	85-115			
Sodium	7.00	0.020	1.0	mg/L	8.00		87.5	85-115			

Duplicate (AH63832-DUP1)

Source: 16H0964-01

Prepared: 08/19/16 Analyzed: 08/22/16

Calcium	2.61	0.020	1.0	mg/L		2.51			3.67	20	
Magnesium	0.198	0.0080	1.0	mg/L		0.192			2.87	20	J
Potassium	0.232	0.040	1.0	mg/L		0.223			4.01	20	J
Sodium	5.10	0.020	1.0	mg/L		5.03			1.44	20	

Matrix Spike (AH63832-MS1)

Source: 16H0964-01

Prepared: 08/19/16 Analyzed: 08/22/16

Calcium	9.64	0.020	1.0	mg/L	8.00	2.51	89.1	70-130			
Magnesium	7.12	0.0080	1.0	mg/L	8.00	0.192	86.6	70-130			
Potassium	7.32	0.040	1.0	mg/L	8.00	0.223	88.7	70-130			
Sodium	12.1	0.020	1.0	mg/L	8.00	5.03	88.6	70-130			

Matrix Spike (AH63832-MS2)

Source: 16H1070-01

Prepared: 08/19/16 Analyzed: 08/22/16

Calcium	35.0	0.020	1.0	mg/L	8.00	26.5	107	70-130			
Magnesium	26.9	0.0080	1.0	mg/L	8.00	18.7	102	70-130			
Potassium	10.5	0.040	1.0	mg/L	8.00	3.55	86.6	70-130			
Sodium	29.3	0.020	1.0	mg/L	8.00	20.9	106	70-130			



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Sample Traps, LLC
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Dublin CA, 94568

Project Manager: Quality Control Manager
Project: QC- DistillaPure
Project Number: [none]

Reported:
08/25/16 13:05

Metals (Drinking Water) by EPA 200 Series Methods - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch AH63832 - Metals Digest

Matrix Spike Dup (AH63832-MSD1)	Source: 16H0964-01			Prepared: 08/19/16 Analyzed: 08/22/16							
Calcium	9.66	0.020	1.0	mg/L	8.00	2.51	89.4	70-130	0.222	20	
Magnesium	7.25	0.0080	1.0	mg/L	8.00	0.192	88.2	70-130	1.74	20	
Potassium	7.18	0.040	1.0	mg/L	8.00	0.223	87.0	70-130	1.92	20	
Sodium	12.2	0.020	1.0	mg/L	8.00	5.03	89.9	70-130	0.854	20	



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Project Manager: Quality Control Manager
Project: QC- DistillaPure
Project Number: [none]

Reported:
08/25/16 13:05

Metals by EPA 200 Series Methods - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch AH63620 - EPA 245.1 Hg Water

Blank (AH63620-BLK1)			Prepared & Analyzed: 08/15/16								
Mercury	ND	0.010	0.020	ug/L							U
LCS (AH63620-BS1)			Prepared & Analyzed: 08/15/16								
Mercury	0.230	0.010	0.020	ug/L	0.250		92.0	85-115			
Duplicate (AH63620-DUP1)			Source: 16H1014-01			Prepared & Analyzed: 08/15/16					
Mercury	0.0108	0.010	0.020	ug/L		ND				20	J
Matrix Spike (AH63620-MS1)			Source: 16H1014-01			Prepared & Analyzed: 08/15/16					
Mercury	0.247	0.010	0.020	ug/L	0.250	ND	98.8	70-130			
Matrix Spike Dup (AH63620-MSD1)			Source: 16H1014-01			Prepared & Analyzed: 08/15/16					
Mercury	0.255	0.010	0.020	ug/L	0.250	ND	102	70-130	3.19	20	

Batch AH63832 - Metals Digest

Blank (AH63832-BLK1)			Prepared: 08/19/16 Analyzed: 08/22/16								
Tin	ND	0.020	0.050	mg/L							U
LCS (AH63832-BS1)			Prepared: 08/19/16 Analyzed: 08/22/16								
Tin	0.170	0.020	0.050	mg/L	0.200		85.2	85-115			
Duplicate (AH63832-DUP1)			Source: 16H0964-01			Prepared: 08/19/16 Analyzed: 08/22/16					
Tin	ND	0.020	0.050	mg/L		ND				20	U
Matrix Spike (AH63832-MS1)			Source: 16H0964-01			Prepared: 08/19/16 Analyzed: 08/22/16					
Tin	0.175	0.020	0.050	mg/L	0.200	ND	87.7	70-130			



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Dublin CA, 94568

Project Manager: Quality Control Manager
Project: QC- DistillaPure
Project Number: [none]

Reported:
08/25/16 13:05

Metals by EPA 200 Series Methods - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch AH63832 - Metals Digest

Matrix Spike (AH63832-MS2)

Source: 16H1070-01

Prepared: 08/19/16 Analyzed: 08/22/16

Tin	0.176	0.020	0.050	mg/L	0.200	ND	87.9	70-130			
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Matrix Spike Dup (AH63832-MSD1)

Source: 16H0964-01

Prepared: 08/19/16 Analyzed: 08/22/16

Tin	0.174	0.020	0.050	mg/L	0.200	ND	86.9	70-130	0.951	20	
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Project Manager: Quality Control Manager
Project: QC- DistillaPure
Project Number: [none]

Reported:
08/25/16 13:05

Metals by EPA Method 200.8 ICP/MS - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch AH63809 - EPA 200.8

Blank (AH63809-BLK1)

Prepared: 08/18/16 Analyzed: 08/19/16

Aluminum	3.95	2.0	10	ug/L							J
Antimony	ND	0.020	0.50	ug/L							U
Arsenic	0.248	0.20	0.50	ug/L							J
Barium	ND	0.030	0.50	ug/L							U
Beryllium	ND	0.020	0.10	ug/L							U
Boron	ND	6.0	50	ug/L							U
Cadmium	ND	0.020	0.10	ug/L							U
Chromium	ND	0.080	0.50	ug/L							U
Cobalt	ND	0.010	0.10	ug/L							U
Copper	0.0491	0.040	0.50	ug/L							J
Iron	ND	2.0	50	ug/L							U
Lead	ND	0.020	0.25	ug/L							U
Manganese	ND	0.030	5.0	ug/L							U
Molybdenum	ND	0.020	0.25	ug/L							U
Nickel	ND	0.060	0.50	ug/L							U
Selenium	ND	0.20	2.0	ug/L							U
Silver	ND	0.050	0.10	ug/L							U
Thallium	ND	0.020	0.10	ug/L							U
Vanadium	ND	0.50	1.0	ug/L							U
Zinc	ND	0.50	5.0	ug/L							U

LCS (AH63809-BS1)

Prepared: 08/18/16 Analyzed: 08/22/16

Aluminum	535	2.0	10	ug/L	520	103	85-115
Antimony	21.2	0.020	0.50	ug/L	20.0	106	85-115
Arsenic	22.3	0.20	0.50	ug/L	20.0	111	85-115
Barium	21.2	0.030	0.50	ug/L	20.0	106	85-115
Beryllium	21.2	0.020	0.10	ug/L	20.0	106	85-115
Boron	98.7	6.0	50	ug/L	100	98.7	85-115
Cadmium	21.4	0.020	0.10	ug/L	20.0	107	85-115
Chromium	21.2	0.080	0.50	ug/L	20.0	106	85-115
Cobalt	20.3	0.010	0.10	ug/L	20.0	102	85-115
Copper	20.4	0.040	0.50	ug/L	20.0	102	85-115
Iron	537	2.0	50	ug/L	520	103	85-115
Lead	20.2	0.020	0.25	ug/L	20.0	101	85-115
Manganese	21.2	0.030	5.0	ug/L	20.0	106	85-115

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



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Sample Traps, LLC
6398 Dougherty Road, Suite 36
Dublin CA, 94568

Project Manager: Quality Control Manager
Project: QC- DistillaPure
Project Number: [none]

Reported:
08/25/16 13:05

Metals by EPA Method 200.8 ICP/MS - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch AH63809 - EPA 200.8

LCS (AH63809-BS1)

Prepared: 08/18/16 Analyzed: 08/19/16

Molybdenum	21.2	0.020	0.25	ug/L	20.0	106	85-115				
Nickel	20.5	0.060	0.50	ug/L	20.0	103	85-115				
Selenium	22.8	0.20	2.0	ug/L	20.0	114	85-115				
Silver	21.3	0.050	0.10	ug/L	20.0	107	85-115				
Thallium	20.3	0.020	0.10	ug/L	20.0	101	85-115				
Vanadium	21.1	0.50	1.0	ug/L	20.0	106	85-115				
Zinc	104	0.50	5.0	ug/L	100	104	85-115				

Duplicate (AH63809-DUP1)

Source: 16H0917-01

Prepared: 08/18/16 Analyzed: 08/19/16

Aluminum	23.9	2.0	10	ug/L	22.7		5.05	20			
Antimony	0.161	0.020	0.50	ug/L	0.102		44.6	20			J
Arsenic	23.6	0.20	0.50	ug/L	23.6		0.0833	20			
Barium	115	0.030	0.50	ug/L	115		0.238	20			
Beryllium	ND	0.020	0.10	ug/L	ND			20			U
Cadmium	ND	0.020	0.10	ug/L	ND			20			U
Chromium	0.144	0.080	0.50	ug/L	0.140		3.12	20			J
Cobalt	0.0305	0.010	0.10	ug/L	0.0264		14.3	20			J
Copper	9.53	0.040	0.50	ug/L	10.3		7.72	20			
Iron	48.9	2.0	50	ug/L	44.3		9.76	20			J
Lead	3.06	0.020	0.25	ug/L	3.09		0.934	20			
Manganese	18.6	0.030	5.0	ug/L	18.6		0.140	20			
Molybdenum	13.5	0.020	0.25	ug/L	13.4		0.703	20			
Nickel	0.167	0.060	0.50	ug/L	0.157		6.24	20			J
Selenium	ND	0.20	2.0	ug/L	ND			20			U
Silver	ND	0.050	0.10	ug/L	ND			20			U
Thallium	ND	0.020	0.10	ug/L	ND			20			U
Vanadium	ND	0.50	1.0	ug/L	ND			20			U
Zinc	3.38	0.50	5.0	ug/L	2.71		22.2	20			J

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Sample Traps, LLC
6398 Dougherty Road, Suite 36
Dublin CA, 94568

Project Manager: Quality Control Manager
Project: QC- DistillaPure
Project Number: [none]

Reported:
08/25/16 13:05

Metals by EPA Method 200.8 ICP/MS - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch AH63809 - EPA 200.8

Matrix Spike (AH63809-MS1)

Source: 16H0917-01

Prepared: 08/18/16 Analyzed: 08/19/16

Aluminum	562	2.0	10	ug/L	520	22.7	104	70-130			
Antimony	20.7	0.020	0.50	ug/L	20.0	0.102	103	70-130			
Arsenic	44.2	0.20	0.50	ug/L	20.0	23.6	103	70-130			
Barium	131	0.030	0.50	ug/L	20.0	115	81.1	70-130			
Beryllium	19.2	0.020	0.10	ug/L	20.0	ND	96.0	70-130			
Cadmium	19.8	0.020	0.10	ug/L	20.0	ND	99.1	70-130			
Chromium	19.0	0.080	0.50	ug/L	20.0	0.140	94.5	70-130			
Cobalt	18.1	0.010	0.10	ug/L	20.0	0.0264	90.2	70-130			
Copper	27.7	0.040	0.50	ug/L	20.0	10.3	87.0	70-130			
Iron	529	2.0	50	ug/L	520	44.3	93.2	70-130			
Lead	21.2	0.020	0.25	ug/L	20.0	3.09	90.3	70-130			
Manganese	37.2	0.030	5.0	ug/L	20.0	18.6	93.2	70-130			
Molybdenum	34.5	0.020	0.25	ug/L	20.0	13.4	106	70-130			
Nickel	17.9	0.060	0.50	ug/L	20.0	0.157	88.9	70-130			
Selenium	19.5	0.20	2.0	ug/L	20.0	ND	97.7	70-130			
Silver	19.3	0.050	0.10	ug/L	20.0	ND	96.7	70-130			
Thallium	18.3	0.020	0.10	ug/L	20.0	ND	91.4	70-130			
Vanadium	19.6	0.50	1.0	ug/L	20.0	ND	98.2	70-130			
Zinc	91.2	0.50	5.0	ug/L	100	2.71	88.5	70-130			

Matrix Spike Dup (AH63809-MSD1)

Source: 16H0917-01

Prepared: 08/18/16 Analyzed: 08/19/16

Aluminum	563	2.0	10	ug/L	520	22.7	104	70-130	0.163	20	
Antimony	21.0	0.020	0.50	ug/L	20.0	0.102	104	70-130	1.63	20	
Arsenic	45.1	0.20	0.50	ug/L	20.0	23.6	108	70-130	2.04	20	
Barium	133	0.030	0.50	ug/L	20.0	115	87.1	70-130	0.916	20	
Beryllium	19.8	0.020	0.10	ug/L	20.0	ND	99.1	70-130	3.25	20	
Cadmium	20.2	0.020	0.10	ug/L	20.0	ND	101	70-130	2.00	20	
Chromium	19.4	0.080	0.50	ug/L	20.0	0.140	96.1	70-130	1.66	20	
Cobalt	18.0	0.010	0.10	ug/L	20.0	0.0264	90.0	70-130	0.236	20	
Copper	27.7	0.040	0.50	ug/L	20.0	10.3	87.1	70-130	0.0883	20	
Iron	532	2.0	50	ug/L	520	44.3	93.7	70-130	0.518	20	
Lead	21.4	0.020	0.25	ug/L	20.0	3.09	91.5	70-130	1.08	20	
Manganese	37.4	0.030	5.0	ug/L	20.0	18.6	94.2	70-130	0.522	20	
Molybdenum	34.9	0.020	0.25	ug/L	20.0	13.4	108	70-130	1.02	20	
Nickel	17.8	0.060	0.50	ug/L	20.0	0.157	88.1	70-130	0.890	20	

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Sample Traps, LLC
6398 Dougherty Road, Suite 36
Dublin CA, 94568

Project Manager: Quality Control Manager
Project: QC- DistillaPure
Project Number: [none]

Reported:
08/25/16 13:05

Metals by EPA Method 200.8 ICP/MS - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch AH63809 - EPA 200.8

Matrix Spike Dup (AH63809-MSD1)

Source: 16H0917-01

Prepared: 08/18/16 Analyzed: 08/19/16

Selenium	20.0	0.20	2.0	ug/L	20.0	ND	99.9	70-130	2.26	20	
Silver	19.5	0.050	0.10	ug/L	20.0	ND	97.7	70-130	1.06	20	
Thallium	18.4	0.020	0.10	ug/L	20.0	ND	92.2	70-130	0.904	20	
Vanadium	19.9	0.50	1.0	ug/L	20.0	ND	99.3	70-130	1.07	20	
Zinc	91.5	0.50	5.0	ug/L	100	2.71	88.8	70-130	0.273	20	



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Project Manager: Quality Control Manager
Project: QC- DistillaPure
Project Number: [none]

Reported:
08/25/16 13:05

Anions by EPA Method 300.0 - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch AH63518 - General Preparation

Blank (AH63518-BLK1)

Prepared & Analyzed: 08/10/16

Sulfate as SO4	ND	0.20	0.50	mg/L							U
Fluoride	ND	0.070	0.10	mg/L							U
Nitrate as NO3	ND	0.20	1.0	mg/L							U
Nitrite as NO2	ND	0.070	1.0	mg/L							U

LCS (AH63518-BS1)

Prepared & Analyzed: 08/10/16

Nitrate as NO3	26	0.20	1.0	mg/L	24.7		107	90-110			
Fluoride	5.86	0.070	0.10	mg/L	5.56		106	90-110			
Sulfate as SO4	23.3	0.20	0.50	mg/L	22.2		105	90-110			
Nitrite as NO2	17.9	0.070	1.0	mg/L	18.2		98.3	90-110			

Duplicate (AH63518-DUP1)

Source: 16H1069-01

Prepared & Analyzed: 08/10/16

Fluoride	0.156	0.070	0.10	mg/L		0.163			4.39	20	
Sulfate as SO4	4.38	0.20	0.50	mg/L		4.36			0.435	20	
Nitrate as NO3	ND	0.20	1.0	mg/L		ND				20	U
Nitrite as NO2	ND	0.070	1.0	mg/L		ND				20	U

Matrix Spike (AH63518-MS1)

Source: 16H1069-01

Prepared & Analyzed: 08/10/16

Fluoride	5.64	0.35	0.50	mg/L	5.56	0.163	98.7	80-120			
Sulfate as SO4	26.5	1.0	2.5	mg/L	22.2	4.36	99.6	80-120			
Nitrate as NO3	25	1.0	5.0	mg/L	24.7	ND	101	80-120			
Nitrite as NO2	16.1	0.35	5.0	mg/L	18.2	ND	88.3	80-120			

Matrix Spike (AH63518-MS2)

Source: 16H0944-01

Prepared & Analyzed: 08/11/16

Sulfate as SO4	23.7	0.20	0.50	mg/L	22.2	0.214	106	80-120			
Nitrate as NO3	29	0.20	1.0	mg/L	24.7	1.6	111	80-120			
Nitrite as NO2	17.9	0.070	1.0	mg/L	18.2	ND	98.5	80-120			
Fluoride	5.88	0.070	0.10	mg/L	5.56	ND	106	80-120			



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Dublin CA, 94568

Project Manager: Quality Control Manager
Project: QC- DistillaPure
Project Number: [none]

Reported:
08/25/16 13:05

Anions by EPA Method 300.0 - Quality Control

Analyte	Result	MDL	Reporting		Spike Level	Source		%REC		RPD		Notes
			Limit	Units		Result	%REC	Limits	RPD	Limit		

Batch AH63518 - General Preparation

Matrix Spike Dup (AH63518-MSD1)

Source: 16H1069-01

Prepared & Analyzed: 08/10/16

Sulfate as SO4	26.6	1.0	2.5	mg/L	22.2	4.36	100	80-120	0.502	20	
Nitrate as NO3	25	1.0	5.0	mg/L	24.7	ND	101	80-120	0.178	20	
Nitrite as NO2	16.2	0.35	5.0	mg/L	18.2	ND	89.2	80-120	1.02	20	
Fluoride	5.67	0.35	0.50	mg/L	5.56	0.163	99.2	80-120	0.491	20	



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Sample Traps, LLC

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Project Manager: Quality Control Manager

Project: QC- DistillaPure

Project Number: [none]

Reported:

08/25/16 13:05

Notes and Definitions

J	Detected but below the Reporting Limit; therefore, result is an estimated concentration, detected but not quantified (DNQ).
P-02	Sample was received with insufficient preservative. Sample was preserved and allowed to sit 24 hours before further processing.
U	Analyte included in analysis, but not detected at or above MDL.
ND	Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
MDL	Method detection limit
Rec	Recovery
RPD	Relative Percent Difference