

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ARIEL

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB103418

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration STD HexaChrome 1 PPM	WP75509
Calibration STD Hexa Chrome 0.5 PPM	WP75510
Calibration Std. hexchrome 0.1 ppm	WP75540
Calibration Std. hexchrome 0.05 ppm	WP75514
calibration std. hexchrome 0.01 ppm	WP75513
calibration std. hexchrome 0 ppm	WP75512
Hexavalent Chromium ICV Std.	WP75517
Hexavalent Chromium CCV Std	WP75516
hexavalent chromium color reagent	WP75406
5N sulfuric acid	WP74163
Calibration std Hexachrome, 0.025ppm	WP75511
HNO3 Hex-Chrome, 5M	WP74162

Intercept: -0.0005

Slope: 0.7657

Regression: 0.99985

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb. at 540		Absorbance Difference	Anal Date	Anal Time
								Backgrnd	Color			
1	CAL1	0	1	100	100		1.52	0.000	0.000	0.000	06/14/2019	14:15
2	CAL2	0.01	1	100	100		1.65	0.000	0.008	0.008	06/14/2019	14:15
3	CAL3	0.025	1	100	100		1.54	0.000	0.017	0.017	06/14/2019	14:16
4	CAL4	0.05	1	100	100		1.57	0.008	0.039	0.031	06/14/2019	14:16
5	CAL5	0.1	1	100	100		1.58	0.001	0.080	0.079	06/14/2019	14:17
6	CAL6	0.5	1	100	100		1.56	0.000	0.391	0.391	06/14/2019	14:17
7	CAL7	1	1	100	100		1.50	0.000	0.761	0.761	06/14/2019	14:18

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Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb. at 540		Absorbance Difference	Result	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		1.50	0.001	0.385	0.384	0.502	06/14/2019	14:20
2	ICB		1	100	100		1.65	0.000	0.000	0.000	0.001	06/14/2019	14:20
3	CCV1	0.5	1	100	100		1.77	0.000	0.392	0.392	0.513	06/14/2019	14:25
4	CCB1		1	100	100		2.10	0.000	0.000	0.000	0.001	06/14/2019	14:25
5	PB120617BL		1	2.51	100	7.54	1.63	0.000	0.000	0.000	0.001	06/14/2019	14:26
6	PB120617BS	20	1	2.50	100	7.57	1.75	0.001	0.378	0.377	0.493	06/14/2019	14:26
7	K3351-01		1	2.54	100	7.45	1.73	0.007	0.009	0.002	0.003	06/14/2019	14:27
8	K3351-03		1	2.52	100	7.65	1.74	0.008	0.008	0.000	0.001	06/14/2019	14:27
9	K3351-05		1	2.52	100	7.54	1.68	0.006	0.006	0.000	0.001	06/14/2019	14:28
10	K3351-07		1	2.51	100	7.45	2.01	0.012	0.012	0.000	0.001	06/14/2019	14:28
11	K3351-07DUP		1	2.52	100	7.65	2.12	0.011	0.011	0.000	0.001	06/14/2019	14:29
12	K3351-07MSPre	40	2	2.51	100	7.54	2.04	0.011	0.345	0.334	0.437	06/14/2019	14:30
13	K3351-07MS2Ins	1284	40	2.52	100	7.56	1.98	0.001	0.679	0.678	0.886	06/14/2019	14:30
14	K3351-07MS3Post	40	2	2.55	100	7.45	1.86	0.015	0.347	0.332	0.434	06/14/2019	14:31
15	CCV2	0.5	1	100	100		1.85	0.000	0.370	0.370	0.484	06/14/2019	14:31
16	CCB2		1	100	100		2.12	0.000	0.000	0.000	0.001	06/14/2019	14:32
17	K3361-02		1	2.52	100	7.44	1.58	0.007	0.007	0.000	0.001	06/14/2019	14:32
18	K3361-04		1	2.54	100	7.33	1.68	0.011	0.011	0.000	0.001	06/14/2019	14:33
19	K3366-01		1	2.52	100	7.68	1.75	0.017	0.017	0.000	0.001	06/14/2019	14:33
20	CCV3	0.5	1	100	100		2.13	0.000	0.376	0.376	0.492	06/14/2019	14:34
21	CCB3		1	100	100		2.04	0.000	0.000	0.000	0.001	06/14/2019	14:34

WORKLIST(Hardcopy Internal Chain)

WorkList Name : HEX061419

WorkList ID : 127416

Date : 06-14-2019 08:22:16

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
06/18/2019	Solid	K3351-01	Hexavalent Chromium	Cool 4 deg C	PSEG01	O31	RT-3407	06/13/2019	7196A
06/18/2019	Solid	K3351-03	Hexavalent Chromium	Cool 4 deg C	PSEG01	O31	RT-3425	06/13/2019	7196A
06/18/2019	Solid	K3351-05	Hexavalent Chromium	Cool 4 deg C	PSEG01	O31	RBR-200029	06/13/2019	7196A
06/18/2019	Solid	K3351-07	Hexavalent Chromium	Cool 4 deg C	PSEG01	O31	RT-3860	06/13/2019	7196A
06/20/2019	Solid	K3361-02	Hexavalent Chromium	Cool 4 deg C	loui01		BAT-B10	06/12/2019	7196A
06/20/2019	Solid	K3361-04	Hexavalent Chromium	Cool 4 deg C	loui01		BAT-B15	06/12/2019	7196A
06/18/2019	Solid	K3366-01	Hexavalent Chromium	Cool 4 deg C	PSEG01	O31	OILY-SOIL	06/13/2019	7196A

Date/Time 6/14/19 8:30
 Received by: AB
 Relinquished by: 50

Date/Time 6/14/19 9:00
 Received by: 50
 Relinquished by: AB