



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Ariel

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB103381

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration STD HexaChrome 1 PPM	WP75437
Calibration STD Hexa Chrome 0.5 PPM	WP75477
Calibration Std. hexchrome 0.1 ppm	WP75482
Calibration Std. hexchrome 0.05 ppm	WP75481
calibration std. hexchrome 0.01 ppm	WP75480
calibration std. hexchrome 0 ppm	WP75479
Hexavalent Chromium ICV Std.	WP75484
Hexavalent Chromium CCV Std	WP75483
hexavalent chromium color reagent	WP75406
5N sulfuric acid	WP74163
Calibration std Hexachrome, 0.025ppm	WP75478
HNO3 Hex-Chrome, 5M	WP74162

Intercept: 0.0002

Slope: 0.7779

Regression: 0.999993

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		2.10	0.000	0.000	0.000	06/13/2019	14:00
2	CAL2	0.01	1	100	100		1.77	0.000	0.008	0.008	06/13/2019	14:00
3	CAL3	0.025	1	100	100		2.30	0.000	0.018	0.018	06/13/2019	14:01
4	CAL4	0.05	1	100	100		2.21	0.000	0.039	0.039	06/13/2019	14:01
5	CAL5	0.1	1	100	100		2.14	0.000	0.080	0.080	06/13/2019	14:02
6	CAL6	0.5	1	100	100		2.15	0.000	0.389	0.389	06/13/2019	14:02
7	CAL7	1	1	100	100		2.13	0.000	0.778	0.778	06/13/2019	14:03

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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		2.03	0.000	0.382	0.382	0.491	06/13/2019	14:03
2	ICB		1	100	100		1.63	0.000	0.000	0.000	0.000	06/13/2019	14:04
3	CCV1	0.5	1	100	100		2.11	0.001	0.394	0.393	0.505	06/13/2019	14:04
4	CCB1		1	100	100		1.56	0.000	0.000	0.000	0.000	06/13/2019	14:05
5	PB120575BL		1	2.50	100	7.10	1.85	0.000	0.000	0.000	0.000	06/13/2019	14:05
6	PB120575BS	20	1	2.52	100	7.20	1.99	0.002	0.379	0.377	0.484	06/13/2019	14:06
7	K3156-03		1	2.51	100	7.44	2.15	0.026	0.026	0.000	0.000	06/13/2019	14:06
8	K3303-02		1	2.54	100	7.33	2.45	0.043	0.043	0.000	0.000	06/13/2019	14:07
9	K3303-04		1	2.51	100	7.44	1.80	0.017	0.017	0.000	0.000	06/13/2019	14:07
10	K3303-07		1	2.50	100	7.09	1.65	0.012	0.012	0.000	0.000	06/13/2019	14:08
11	K3342-01		1	2.52	100	7.12	1.77	0.018	0.018	0.000	0.000	06/13/2019	14:08
12	K3343-01		1	2.50	100	7.15	2.13	0.008	0.008	0.000	0.000	06/13/2019	14:09
13	K3344-01		1	2.50	100	7.16	2.14	0.008	0.009	0.001	0.001	06/13/2019	14:09
14	K3344-01DUP		1	2.51	100	7.18	1.89	0.008	0.009	0.001	0.001	06/13/2019	14:10
15	CCV2	0.5	1	100	100		1.55	0.000	0.389	0.389	0.500	06/13/2019	14:10
16	CCB2		1	100	100		1.65	0.000	0.000	0.000	0.000	06/13/2019	14:11
17	K3344-01MSPre	40	2	2.51	100	7.23	2.05	0.010	0.390	0.380	0.488	06/13/2019	14:11
18	K3344-01MS2Ins	1284	40	2.50	100	7.16	2.05	0.003	0.678	0.675	0.867	06/13/2019	14:12
19	K3344-01MS3Post	40	2	2.50	100	7.45	2.25	0.009	0.385	0.376	0.483	06/13/2019	14:12
20	K3344-01MSD	40	2	2.51	100	7.65	2.36	0.010	0.390	0.380	0.488	06/13/2019	14:13
21	K3346-01		1	2.51	100	7.48	1.65	0.006	0.011	0.005	0.006	06/13/2019	14:13
22	CCV3	0.5	1	100	100		1.88	0.000	0.372	0.372	0.478	06/13/2019	14:14
23	CCB3		1	100	100		1.66	0.000	0.000	0.000	0.000	06/13/2019	14:14

WORKLIST(Hardcopy Internal Chain)

WorkList Name : HEX061319

WorkList ID : 127348

Date : 06-13-2019 08:13:59

PS120575

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
06/17/2019	Solid	K3156-03	Hexavalent Chromium	Cool 4 deg C	PSEG05		HD-01-061219	06/12/2019	7196A
06/18/2019	Solid	K3303-02	Hexavalent Chromium	Cool 4 deg C	loui01	H51	BAT-B03	06/10/2019	7196A
06/18/2019	Solid	K3303-04	Hexavalent Chromium	Cool 4 deg C	loui01	H51	BAT-B02	06/10/2019	7196A
06/18/2019	Solid	K3303-07	Hexavalent Chromium	Cool 4 deg C	loui01	H51	BAT-B13	06/11/2019	7196A
06/25/2019	Solid	K3342-01	Hexavalent Chromium	Cool 4 deg C	TULL02	H11	FK-EF-01-012-ABCD	06/12/2019	7196A
06/25/2019	Solid	K3343-01	Hexavalent Chromium	Cool 4 deg C	TULL02	H31	FK-0D015-03-008	06/11/2019	7196A
06/25/2019	Solid	K3344-01	Hexavalent Chromium	Cool 4 deg C	TULL02	H11	FK-0D015-03-007	06/11/2019	7196A
06/25/2019	Solid	K3346-01	Hexavalent Chromium	Cool 4 deg C	TULL02	H42	RICH-REC-ROAD-STONE-15	06/11/2019	7196A

Date/Time

Received by:

Relinquished by:

6/13/19 8:45

AB

JP

Date/Time

Received by:

Relinquished by:

6/13/19 9:15

JP

AB