



Analytical Summary Report

Analysis Method: 7196A

ANALYST: ARIEL

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB103604

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP75768
Calibratation STD Hexa Chrome 0.5 PPM	WP75769
Calibration Std. hexchrome 0.1 ppm	WP75774
Calibration Std. hexchrome 0.05 ppm	WP75773
calibration std. hexchrome 0.01 ppm	WP75772
calibration std. hexchrome 0 ppm	WP75771
Hexavalent Chromium ICV Std.	WP75776
Hexavalent Chromium CCV Std	WP75775
hexavalent chromium color reagent	WP75644
5N sulfuric acid	WP75751
Calibration std Hexachrome, 0.025ppm	WP75770
HNO3 Hex-Chrome, 5M	WP74162

Intercept: 0.0003

Slope: 0.7764

Regression: 0.999981

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		1.56	0.000	0.000	0.000	06/25/2019	13:25
2	CAL2	0.01	1	100	100		1.55	0.000	0.009	0.009	06/25/2019	13:25
3	CAL3	0.025	1	100	100		1.52	0.000	0.018	0.018	06/25/2019	13:26
4	CAL4	0.05	1	100	100		1.56	0.000	0.039	0.039	06/25/2019	13:26
5	CAL5	0.1	1	100	100		1.53	0.000	0.077	0.077	06/25/2019	13:27
6	CAL6	0.5	1	100	100		1.58	0.000	0.392	0.392	06/25/2019	13:27
7	CAL7	1	1	100	100		1.59	0.000	0.775	0.775	06/25/2019	13:28



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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		1.56	0.000	0.380	0.380	0.489	06/25/2019	13:28
2	ICB		1	100	100		1.58	0.000	0.000	0.000	0.000	06/25/2019	13:29
3	CCV1	0.5	1	100	100		1.52	0.000	0.392	0.392	0.505	06/25/2019	13:29
4	CCB1		1	100	100		1.56	0.000	0.000	0.000	0.000	06/25/2019	13:30
5	PB120895BL		1	2.53	100	7.04	1.95	0.000	0.000	0.000	0.000	06/25/2019	13:30
6	PB120895BS	20	1	2.54	100	7.15	1.54	0.000	0.389	0.389	0.501	06/25/2019	13:31
7	K3155-02		1	2.50	100	7.02	1.75	0.003	0.003	0.000	0.000	06/25/2019	13:31
8	K3155-02DUP		1	2.51	100	7.23	1.62	0.002	0.002	0.000	0.000	06/25/2019	13:32
9	K3155-02MSPre	40	2	2.55	100	7.12	1.75	0.004	0.364	0.360	0.463	06/25/2019	13:32
10	K3155-02MS2Ins	1284	40	2.55	100	7.05	1.50	0.000	0.658	0.658	0.847	06/25/2019	13:33
11	K3155-02MS3Post	40	2	2.50	100	7.09	1.52	0.000	0.364	0.364	0.468	06/25/2019	13:33
12	K3155-04		1	2.53	100	7.15	1.54	0.008	0.008	0.000	0.000	06/25/2019	13:34
13	K3156-05		1	2.52	100	7.18	1.60	0.014	0.014	0.000	0.000	06/25/2019	13:34
14	K3164-01		1	2.51	100	7.35	1.66	0.005	0.005	0.000	0.000	06/25/2019	13:35
15	CCV2	0.5	1	100	100		1.65	0.000	0.402	0.402	0.517	06/25/2019	13:35
16	CCB2		1	100	100		1.85	0.000	0.000	0.000	0.000	06/25/2019	13:36
17	K3164-03		1	2.51	100	7.45	1.74	0.004	0.004	0.000	0.000	06/25/2019	13:36
18	K3164-05		1	2.50	100	7.22	1.65	0.004	0.004	0.000	0.000	06/25/2019	13:37
19	K3164-07		1	2.55	100	7.05	1.62	0.007	0.007	0.000	0.000	06/25/2019	13:37
20	K3164-09		1	2.52	100	7.26	1.53	0.002	0.002	0.000	0.000	06/25/2019	13:38
21	K3510-01		1	2.52	100	7.24	1.50	0.014	0.014	0.000	0.000	06/25/2019	13:38
22	K3511-01		1	2.53	100	7.33	2.15	0.032	0.032	0.000	0.000	06/25/2019	13:39
23	K3511-03		1	2.51	100	7.10	2.35	0.015	0.015	0.000	0.000	06/25/2019	13:39
24	K3512-02		1	2.54	100	7.12	2.15	0.016	0.016	0.000	0.000	06/25/2019	13:40
25	K3512-06		1	2.55	100	7.24	1.56	0.010	0.010	0.000	0.000	06/25/2019	13:40
26	CCV3	0.5	1	100	100		1.58	0.000	0.395	0.395	0.508	06/25/2019	13:41
27	CCB3		1	100	100		1.55	0.000	0.000	0.000	0.000	06/25/2019	13:41