



Analytical Summary Report

Analysis Method: 7196A

ANALYST: ARIEL

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB103510

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration STD HexaChrome 1 PPM	WP75634
Calibration STD Hexa Chrome 0.5 PPM	WP75635
Calibration Std. hexchrome 0.1 ppm	WP75640
Calibration Std. hexchrome 0.05 ppm	WP75639
calibration std. hexchrome 0.01 ppm	WP75638
calibration std. hexchrome 0 ppm	WP75637
Hexavalent Chromium ICV Std.	WP75642
Hexavalent Chromium CCV Std	WP75641
hexavalent chromium color reagent	WP75644
5N sulfuric acid	WP74163
Calibration std Hexachrome, 0.025ppm	WP75636
HNO3 Hex-Chrome, 5M	WP74162

Intercept: 0.0006

Slope: 0.7677

Regression: 0.999937

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		1.76	0.000	0.000	0.000	06/19/2019	13:15
2	CAL2	0.01	1	100	100		1.74	0.001	0.007	0.006	06/19/2019	13:15
3	CAL3	0.025	1	100	100		1.77	0.000	0.019	0.019	06/19/2019	13:16
4	CAL4	0.05	1	100	100		1.76	0.001	0.039	0.038	06/19/2019	13:16
5	CAL5	0.1	1	100	100		1.74	0.000	0.079	0.079	06/19/2019	13:17
6	CAL6	0.5	1	100	100		1.70	0.000	0.391	0.391	06/19/2019	13:17
7	CAL7	1	1	100	100		1.59	0.001	0.766	0.765	06/19/2019	13:18



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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		1.86	0.001	0.375	0.374	0.486	06/19/2019	13:21
2	ICB		1	100	100		1.80	0.000	0.000	0.000	-0.001	06/19/2019	13:21
3	CCV1	0.5	1	100	100		1.78	0.000	0.384	0.384	0.499	06/19/2019	13:22
4	CCB1		1	100	100		1.90	0.000	0.000	0.000	-0.001	06/19/2019	13:22
5	PB120769BL		1	2.52	100	7.12	2.01	0.000	0.000	0.000	-0.001	06/19/2019	13:23
6	PB120769BS	20	1	2.54	100	7.15	1.86	0.001	0.360	0.359	0.467	06/19/2019	13:23
7	K3435-01		1	2.50	100	7.02	1.74	0.007	0.007	0.000	-0.001	06/19/2019	13:24
8	K3435-01DUP		1	2.55	100	7.11	1.86	0.008	0.008	0.000	-0.001	06/19/2019	13:24
9	K3435-01MSPre	40	2	2.51	100	7.09	1.89	0.023	0.355	0.332	0.432	06/19/2019	13:25
10	K3435-01MS2Ins	1284	40	2.55	100	7.53	1.75	0.002	0.690	0.688	0.895	06/19/2019	13:25
11	K3435-01MS3Post	40	2	2.53	100	7.45	1.65	0.013	0.410	0.397	0.516	06/19/2019	13:26
12	K3435-03		1	2.55	100	7.12	1.75	0.009	0.009	0.000	-0.001	06/19/2019	13:26
13	K3438-01		1	2.52	100	7.53	1.88	0.018	0.018	0.000	-0.001	06/19/2019	13:27
14	K3438-03		1	2.51	100	7.45	2.10	0.003	0.003	0.000	-0.001	06/19/2019	13:27
15	CCV2	0.5	1	100	100		2.03	0.001	0.359	0.358	0.466	06/19/2019	13:28
16	CCB2		1	100	100		2.01	0.000	0.000	0.000	-0.001	06/19/2019	13:28
17	K3439-01		1	2.50	100	7.66	1.99	0.016	0.016	0.000	-0.001	06/19/2019	13:29
18	K3440-01		1	2.51	100	7.45	1.59	0.009	0.009	0.000	-0.001	06/19/2019	13:29
19	K3440-03		1	2.50	100	7.12	1.78	0.018	0.018	0.000	-0.001	06/19/2019	13:30
20	K3441-02		1	2.54	100	7.75	1.68	0.009	0.009	0.000	-0.001	06/19/2019	13:30
21	CCV3	0.5	1	100	100		1.66	0.001	0.370	0.369	0.480	06/19/2019	13:31
22	CCB3		1	100	100		1.55	0.000	0.000	0.000	-0.001	06/19/2019	13:31