

Analytical Summary Report

Analysis Method: 7196A

ANALYST: sweta

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB98875

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP69116
Calibration Std. hexchrome 0.05 ppm	WP69115
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP69118
Calibratation STD Hexa Chrome 0.5 PPM	WP69117
calibration std. hexchrome 0.01 ppm	WP69113
calibration std. hexchrome 0 ppm	WP69112
Hexavalent Chromium ICV Std.	WP69120
Hexavalent Chromium CCV Std	WP69119
hexavalent chromium color reagent	WP68966
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP69114

Intercept: -0.0008

Slope: 0.7718

Regression: 0.999958

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		1.89	0.000	0.000	0.000	10/26/2018	14:00
2	CAL2	0.01	1	100	100		2.10	0.000	0.007	0.007	10/26/2018	14:00
3	CAL3	0.025	1	100	100		1.88	0.000	0.014	0.014	10/26/2018	14:01
4	CAL4	0.05	1	100	100		1.79	0.000	0.038	0.038	10/26/2018	14:01
5	CAL5	0.1	1	100	100		2.06	0.000	0.078	0.078	10/26/2018	14:02
6	CAL6	0.5	1	100	100		1.99	0.000	0.389	0.389	10/26/2018	14:02
7	CAL7	1	1	100	100		1.79	0.000	0.769	0.769	10/26/2018	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		1.88	0.000	0.389	0.389	0.505	10/26/2018	14:03
2	ICB		1	100	100		1.82	0.000	0.000	0.000	0.001	10/26/2018	14:04
3	CCV1	0.5	1	100	100		1.73	0.000	0.388	0.388	0.504	10/26/2018	14:04
4	CCB1		1	100	100		1.89	0.000	0.000	0.000	0.001	10/26/2018	14:05
5	PB114226BL		1	2.53	100	7.12	2.05	0.000	0.000	0.000	0.001	10/26/2018	14:05
6	PB114226BS	20	1	2.53	100	7.26	2.10	0.000	0.372	0.372	0.483	10/26/2018	14:06
7	J5204-09		1	2.50	100	7.23	1.74	0.010	0.010	0.000	0.001	10/26/2018	14:06
8	J5204-11		1	2.55	100	7.22	1.67	0.014	0.014	0.000	0.001	10/26/2018	14:07
9	J5204-13		1	2.52	100	7.28	1.89	0.016	0.016	0.000	0.001	10/26/2018	14:07
10	J5204-15		1	2.53	100	7.05	2.06	0.028	0.028	0.000	0.001	10/26/2018	14:08
11	J5205-05		1	2.50	100	7.08	2.12	0.018	0.018	0.000	0.001	10/26/2018	14:08
12	J5205-05DUP		1	2.53	100	7.11	1.85	0.019	0.019	0.000	0.001	10/26/2018	14:09
13	J5205-05MSPre	40	2	2.50	100	7.25	1.72	0.017	0.239	0.222	0.289	10/26/2018	14:09
14	J5205-05MS2Ins	1284	40	2.50	100	7.24	1.88	0.006	0.618	0.612	0.794	10/26/2018	14:10
15	CCV2	0.5	1	100	100		1.74	0.000	0.389	0.389	0.505	10/26/2018	14:10
16	CCB2		1	100	100		1.99	0.000	0.000	0.000	0.001	10/26/2018	14:11
17	J5205-05MS3Post	40	2	2.53	100	7.11	1.75	0.017	0.276	0.259	0.337	10/26/2018	14:11
18	J5205-05MSD	40	2	2.50	100	7.25	1.72	0.017	0.239	0.222	0.289	10/26/2018	14:12
19	J5675-01		1	2.55	100	7.30	1.88	0.048	0.159	0.111	0.145	10/26/2018	14:12
20	J5675-05		1	2.52	100	7.13	2.10	0.014	0.020	0.006	0.009	10/26/2018	14:13
21	J5683-01		1	2.51	100	7.28	2.06	0.008	0.011	0.003	0.005	10/26/2018	14:13
22	J5688-01		1	2.50	100	7.11	1.69	0.002	0.003	0.001	0.002	10/26/2018	14:14
23	CCV3	0.5	1	100	100		1.73	0.000	0.389	0.389	0.505	10/26/2018	14:14
24	CCB3		1	100	100		1.98	0.000	0.000	0.000	0.001	10/26/2018	14:15