

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Sweta

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB91752

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP59839
Calibration Std. hexchrome 0.05 ppm	WP59838
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP59841
Calibratation STD Hexa Chrome 0.5 PPM	WP59840
calibration std. hexchrome 0.01 ppm	WP59836
calibration std. hexchrome 0 ppm	WP59833
Hexavalent Chromium ICV Std.	WP59842
Hexavalent Chromium CCV Std	WP59843
hexavalent chromium color reagent	WP59746
HNO3 Hex-Chrome, 5M	WP58774
Calibration std Hexachrome, 0.025ppm	WP59837

Intercept: -0.0005

Slope: 0.777

Regression: 0.99996

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	11/22/2017	14:05
2	CAL2	0.01	1	100	100		1.23	0.000	0.006	0.006	11/22/2017	14:05
3	CAL3	0.025	1	100	100		2.02	0.000	0.017	0.017	11/22/2017	14:06
4	CAL4	0.05	1	100	100		1.56	0.000	0.037	0.037	11/22/2017	14:06
5	CAL5	0.1	1	100	100		1.65	0.000	0.079	0.079	11/22/2017	14:07
6	CAL6	0.5	1	100	100		1.89	0.000	0.393	0.393	11/22/2017	14:07
7	CAL7	1	1	100	100		1.78	0.000	0.774	0.774	11/22/2017	14:08

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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		1.32	0.000	0.392	0.392	0.505	11/22/2017	14:08
2	ICB		1	100	100		2.25	0.000	0.000	0.000	0.001	11/22/2017	14:09
3	CCV1	0.5	1	100	100		1.89	0.000	0.392	0.392	0.505	11/22/2017	14:09
4	CCB1		1	100	100		1.23	0.000	0.000	0.000	0.001	11/22/2017	14:10
5	PB104505BL		1	2.55	100	7.65	1.35	0.000	0.000	0.000	0.001	11/22/2017	14:10
6	PB104505BS	20	1	2.50	100	7.23	1.56	0.000	0.343	0.343	0.442	11/22/2017	14:11
7	I6289-07		1	2.50	100	7.45	1.45	0.010	0.012	0.002	0.003	11/22/2017	14:11
8	I6578-04		1	2.54	100	7.32	1.56	0.007	0.010	0.003	0.005	11/22/2017	14:12
9	I6578-05		1	2.50	100	7.98	2.02	0.012	0.023	0.011	0.015	11/22/2017	14:12
10	I6578-06		1	2.50	100	7.98	2.32	0.009	0.017	0.008	0.011	11/22/2017	14:13
11	I6578-06DUP		1	2.50	100	7.56	1.89	0.009	0.017	0.008	0.011	11/22/2017	14:13
12	I6578-06MSPre	40	2	2.50	100	7.89	1.65	0.009	0.283	0.274	0.353	11/22/2017	14:14
13	I6578-06MS2Ins	1284	40	2.50	100	7.89	1.46	0.008	0.610	0.602	0.775	11/22/2017	14:14
14	I6578-06MS3Post	40	2	2.54	100	7.69	2.03	0.029	0.124	0.095	0.123	11/22/2017	14:15
15	CCV2	0.5	1	100	100		1.45	0.000	0.392	0.392	0.505	11/22/2017	14:15
16	CCB2		1	100	100		1.65	0.000	0.000	0.000	0.001	11/22/2017	14:16
17	I6579-01		1	2.50	100	7.85	1.87	0.011	0.019	0.008	0.011	11/22/2017	14:16
18	I6579-02		1	2.55	100	7.32	2.42	0.020	0.022	0.002	0.003	11/22/2017	14:17
19	I6579-03		1	2.50	100	7.65	2.34	0.010	0.012	0.002	0.003	11/22/2017	14:17
20	I6579-04		1	2.51	100	7.21	2.42	0.027	0.027	0.000	0.001	11/22/2017	14:18
21	I6579-05		1	2.51	100	7.46	1.46	0.011	0.012	0.001	0.002	11/22/2017	14:18
22	I6579-06		1	2.55	100	7.56	1.65	0.009	0.012	0.003	0.005	11/22/2017	14:19
23	I6579-07		1	2.50	100	7.86	1.52	0.011	0.012	0.001	0.002	11/22/2017	14:19
24	I6579-08		1	2.54	100	7.65	1.28	0.002	0.007	0.005	0.007	11/22/2017	14:20
25	I6579-09		1	2.50	100	7.65	1.50	0.016	0.016	0.000	0.001	11/22/2017	14:20
26	I6579-10		1	2.55	100	7.98	1.30	0.007	0.012	0.005	0.007	11/22/2017	14:21
27	CCV3	0.5	1	100	100		1.23	0.000	0.392	0.392	0.505	11/22/2017	14:21
28	CCB3		1	100	100		1.36	0.000	0.000	0.000	0.001	11/22/2017	14:22
29	I6579-11		1	2.51	100	7.65	1.96	0.021	0.021	0.000	0.001	11/22/2017	14:22
30	CCV4	0.5	1	100	100		1.23	0.000	0.392	0.392	0.505	11/22/2017	14:23
31	CCB4		1	100	100		1.23	0.000	0.000	0.000	0.001	11/22/2017	14:23