

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Sweta

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB96154

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP65466
Calibration Std. hexchrome 0.05 ppm	WP65465
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP65468
Calibratation STD Hexa Chrome 0.5 PPM	WP65467
calibration std. hexchrome 0.01 ppm	WP65463
calibration std. hexchrome 0 ppm	WP65462
Hexavalent Chromium ICV Std.	WP65469
Hexavalent Chromium CCV Std	WP65470
hexavalent chromium color reagent	WP65446
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP65464

Intercept: -0.0001

Slope: 0.7713

Regression: 0.99997

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		2.03	0.000	0.000	0.000	06/20/2018	14:00
2	CAL2	0.01	1	100	100		1.88	0.000	0.007	0.007	06/20/2018	14:00
3	CAL3	0.025	1	100	100		2.10	0.000	0.017	0.017	06/20/2018	14:01
4	CAL4	0.05	1	100	100		1.98	0.000	0.038	0.038	06/20/2018	14:01
5	CAL5	0.1	1	100	100		1.77	0.000	0.078	0.078	06/20/2018	14:02
6	CAL6	0.5	1	100	100		1.96	0.000	0.390	0.390	06/20/2018	14:02
7	CAL7	1	1	100	100		2.06	0.000	0.769	0.769	06/20/2018	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		2.10	0.000	0.390	0.390	0.506	06/20/2018	14:03
2	ICB		1	100	100		1.98	0.000	0.000	0.000	0.000	06/20/2018	14:04
3	CCV1	0.5	1	100	100		1.77	0.000	0.389	0.389	0.504	06/20/2018	14:04
4	CCB1		1	100	100		1.72	0.000	0.000	0.000	0.000	06/20/2018	14:05
5	PB110442BL		1	2.55	100	7.15	1.80	0.000	0.000	0.000	0.000	06/20/2018	14:05
6	PB110442BS	20	1	2.55	100	7.22	1.88	0.000	0.365	0.365	0.473	06/20/2018	14:06
7	J3603-01		1	2.53	100	7.21	2.06	0.015	0.017	0.002	0.003	06/20/2018	14:06
8	J3603-03		1	2.52	100	7.41	2.13	0.095	0.095	0.000	0.000	06/20/2018	14:07
9	J3603-05		1	2.50	100	7.22	1.96	0.011	0.023	0.012	0.016	06/20/2018	14:07
10	J3603-05DUP		1	2.50	100	7.10	1.98	0.012	0.024	0.012	0.016	06/20/2018	14:08
11	J3603-05MSPre	40	2	2.53	100	7.23	1.75	0.007	0.312	0.305	0.396	06/20/2018	14:08
12	J3603-05MS2Ins	1284	40	2.53	100	7.21	1.88	0.009	0.605	0.596	0.773	06/20/2018	14:09
13	J3603-05MS3Post	40	2	2.50	100	7.41	1.59	0.010	0.343	0.333	0.432	06/20/2018	14:09
14	J3603-07		1	2.55	100	7.05	2.05	0.011	0.019	0.008	0.011	06/20/2018	14:10
15	CCV2	0.5	1	100	100		2.10	0.000	0.390	0.390	0.506	06/20/2018	14:10
16	CCB2		1	100	100		1.89	0.000	0.000	0.000	0.000	06/20/2018	14:11
17	J3603-09		1	2.50	100	7.28	1.72	0.015	0.028	0.013	0.017	06/20/2018	14:11
18	J3603-11		1	2.51	100	7.19	1.63	0.007	0.008	0.001	0.001	06/20/2018	14:12
19	J3603-13		1	2.53	100	7.34	1.96	0.022	0.023	0.001	0.001	06/20/2018	14:12
20	J3603-15		1	2.55	100	7.11	1.84	0.009	0.028	0.019	0.025	06/20/2018	14:13
21	J3603-17		1	2.50	100	7.16	1.62	0.022	0.022	0.000	0.000	06/20/2018	14:13
22	J3603-19		1	2.50	100	7.10	1.99	0.006	0.006	0.000	0.000	06/20/2018	14:14
23	J3603-21		1	2.53	100	7.33	2.05	0.033	0.033	0.000	0.000	06/20/2018	14:14
24	J3603-23		1	2.55	100	7.21	1.75	0.027	0.027	0.000	0.000	06/20/2018	14:15
25	PB110443BL		1	2.53	100	7.21	1.69	0.000	0.000	0.000	0.000	06/20/2018	14:15
26	PB110443BS	20	1	2.55	100	7.56	2.06	0.000	0.364	0.364	0.472	06/20/2018	14:16
27	CCV3	0.5	1	100	100		2.10	0.000	0.389	0.389	0.504	06/20/2018	14:16
28	CCB3		1	100	100		1.72	0.000	0.000	0.000	0.000	06/20/2018	14:17
29	J3245-09		1	2.53	100	7.44	1.74	0.021	0.021	0.000	0.000	06/20/2018	14:17
30	J3245-11		1	2.55	100	7.19	1.88	0.021	0.021	0.000	0.000	06/20/2018	14:18
31	J3245-13		1	2.50	100	7.18	1.69	0.017	0.017	0.000	0.000	06/20/2018	14:18
32	J3245-15		1	2.52	100	7.12	1.98	0.019	0.019	0.000	0.000	06/20/2018	14:19
33	J3247-05		1	2.50	100	7.10	1.65	0.021	0.021	0.000	0.000	06/20/2018	14:19
34	J3595-01		1	2.55	100	7.24	2.09	0.012	0.012	0.000	0.000	06/20/2018	14:20
35	J3595-03		1	2.51	100	7.24	2.13	0.031	0.031	0.000	0.000	06/20/2018	14:20
36	J3606-01		1	2.55	100	7.43	1.75	0.013	0.024	0.011	0.014	06/20/2018	14:21
37	J3606-01DUP		1	2.50	100	7.41	1.69	0.014	0.025	0.011	0.014	06/20/2018	14:21
38	J3606-01MSPre	40	2	2.51	100	7.30	1.77	0.012	0.343	0.331	0.429	06/20/2018	14:22
39	CCV4	0.5	1	100	100		1.86	0.000	0.390	0.390	0.506	06/20/2018	14:22
40	CCB4		1	100	100		1.74	0.000	0.000	0.000	0.000	06/20/2018	14:23
41	J3606-01MS2Ins	1284	40	2.50	100	7.21	1.69	0.012	0.606	0.594	0.770	06/20/2018	14:23
42	J3606-01MS3Post	40	2	2.53	100	7.13	1.93	0.013	0.364	0.351	0.455	06/20/2018	14:24

43	CCV5	0.5	1	100	100		1.74	0.000	0.390	0.390	0.506	06/20/2018	14:24
44	CCB5		1	100	100		1.75	0.000	0.000	0.000	0.000	06/20/2018	14:25