

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Sweta

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB96011

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP65314
Calibration Std. hexchrome 0.05 ppm	WP65313
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP65316
Calibratation STD Hexa Chrome 0.5 PPM	WP65315
calibration std. hexchrome 0.01 ppm	WP65311
calibration std. hexchrome 0 ppm	WP65310
Hexavalent Chromium ICV Std.	WP65318
Hexavalent Chromium CCV Std	WP65317
hexavalent chromium color reagent	WP65230
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP65312

Intercept: 0.0006

Slope: 0.7689

Regression: 0.999962

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		1.98	0.000	0.000	0.000	06/14/2018	14:00
2	CAL2	0.01	1	100	100		2.06	0.000	0.007	0.007	06/14/2018	14:00
3	CAL3	0.025	1	100	100		2.10	0.000	0.018	0.018	06/14/2018	14:01
4	CAL4	0.05	1	100	100		2.15	0.000	0.039	0.039	06/14/2018	14:01
5	CAL5	0.1	1	100	100		1.85	0.000	0.079	0.079	06/14/2018	14:02
6	CAL6	0.5	1	100	100		1.75	0.000	0.390	0.390	06/14/2018	14:02
7	CAL7	1	1	100	100		1.96	0.000	0.767	0.767	06/14/2018	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	06/14/2018	14:03
2	ICB		1	100	100		1.89	0.000	0.000	0.000	-0.001	06/14/2018	14:04
3	CCV1	0.5	1	100	100		2.03	0.000	0.389	0.389	0.505	06/14/2018	14:04
4	CCB1		1	100	100		2.11	0.000	0.000	0.000	-0.001	06/14/2018	14:05
5	PB110263BL		1	2.50	100	7.22	2.06	0.000	0.000	0.000	-0.001	06/14/2018	14:05
6	PB110263BS	20	1	2.55	100	7.16	1.99	0.000	0.365	0.365	0.474	06/14/2018	14:06
7	J3464-01		1	2.52	100	7.23	1.85	0.007	0.009	0.002	0.002	06/14/2018	14:06
8	J3464-02		1	2.53	100	7.45	1.96	0.006	0.008	0.002	0.002	06/14/2018	14:07
9	J3464-03		1	2.50	100	7.16	2.13	0.007	0.010	0.003	0.003	06/14/2018	14:07
10	J3464-04		1	2.55	100	7.12	2.05	0.006	0.018	0.012	0.015	06/14/2018	14:08
11	J3464-05		1	2.53	100	7.03	1.75	0.009	0.011	0.002	0.002	06/14/2018	14:08
12	J3464-06		1	2.50	100	7.34	1.88	0.009	0.009	0.000	-0.001	06/14/2018	14:09
13	J3465-01		1	2.52	100	7.22	1.85	0.007	0.009	0.002	0.002	06/14/2018	14:09
14	J3465-03		1	2.53	100	7.11	1.69	0.005	0.006	0.001	0.001	06/14/2018	14:10
15	CCV2	0.5	1	100	100		1.75	0.000	0.390	0.390	0.506	06/14/2018	14:10
16	CCB2		1	100	100		1.88	0.000	0.000	0.000	-0.001	06/14/2018	14:11
17	J3465-05		1	2.50	100	7.26	2.03	0.005	0.006	0.001	0.001	06/14/2018	14:11
18	J3465-05DUP		1	2.55	100	7.18	2.10	0.006	0.007	0.001	0.001	06/14/2018	14:12
19	J3465-05MSPre	40	2	2.53	100	7.11	1.96	0.004	0.358	0.354	0.460	06/14/2018	14:12
20	J3465-05MS2Ins	1284	40	2.50	100	7.26	1.93	0.012	0.612	0.600	0.780	06/14/2018	14:13
21	J3465-05MS3Post	40	2	2.53	100	7.42	1.82	0.004	0.362	0.358	0.465	06/14/2018	14:13
22	J3480-01		1	2.50	100	7.14	1.72	0.014	0.016	0.002	0.002	06/14/2018	14:14
23	PB110265BL		1	2.50	100	7.11	2.05	0.000	0.000	0.000	-0.001	06/14/2018	14:14
24	PB110265BS	20	1	2.55	100	7.25	1.89	0.000	0.367	0.367	0.477	06/14/2018	14:15
25	J3482-01		1	2.55	100	7.44	1.96	0.026	0.026	0.000	-0.001	06/14/2018	14:15
26	J3482-01DUP		1	2.50	100	7.15	1.93	0.027	0.027	0.000	-0.001	06/14/2018	14:16
27	CCV3	0.5	1	100	100		1.77	0.000	0.390	0.390	0.506	06/14/2018	14:16
28	CCB3		1	100	100		1.82	0.000	0.000	0.000	-0.001	06/14/2018	14:17
29	J3482-01MSPre	40	2	2.53	100	7.18	2.10	0.028	0.260	0.232	0.301	06/14/2018	14:17
30	J3482-01MS2Ins	1284	40	2.55	100	7.25	1.89	0.013	0.614	0.601	0.781	06/14/2018	14:18
31	J3482-01MS3Post	40	2	2.50	100	7.22	1.69	0.028	0.315	0.287	0.372	06/14/2018	14:18
32	J3487-01		1	2.50	100	7.21	1.99	0.017	0.017	0.000	-0.001	06/14/2018	14:19
33	J3488-01		1	2.53	100	7.14	1.82	0.041	0.041	0.000	-0.001	06/14/2018	14:19
34	J3490-01		1	2.50	100	7.16	1.75	0.000	0.017	0.017	0.021	06/14/2018	14:20
35	J3498-11		1	2.52	100	7.15	2.06	0.006	0.006	0.000	-0.001	06/14/2018	14:20
36	J3498-15		1	2.55	100	7.10	2.10	0.015	0.015	0.000	-0.001	06/14/2018	14:21
37	CCV4	0.5	1	100	100		1.79	0.000	0.389	0.389	0.505	06/14/2018	14:21
38	CCB4		1	100	100		1.98	0.000	0.000	0.000	-0.001	06/14/2018	14:22