

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Sweta

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB96245

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP65558
Calibration Std. hexchrome 0.05 ppm	WP65557
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP65560
Calibratation STD Hexa Chrome 0.5 PPM	WP65559
calibration std. hexchrome 0.01 ppm	WP65555
calibration std. hexchrome 0 ppm	WP65554
Hexavalent Chromium ICV Std.	WP65562
Hexavalent Chromium CCV Std	WP65561
hexavalent chromium color reagent	WP65517
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP65556

Intercept: 0

Slope: 0.7709

Regression: 0.999975

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	06/25/2018	13:15
2	CAL2	0.01	1	100	100		1.98	0.000	0.007	0.007	06/25/2018	13:15
3	CAL3	0.025	1	100	100		1.85	0.000	0.017	0.017	06/25/2018	13:16
4	CAL4	0.05	1	100	100		1.96	0.000	0.038	0.038	06/25/2018	13:16
5	CAL5	0.1	1	100	100		2.15	0.000	0.079	0.079	06/25/2018	13:17
6	CAL6	0.5	1	100	100		2.16	0.000	0.389	0.389	06/25/2018	13:17
7	CAL7	1	1	100	100		2.10	0.000	0.769	0.769	06/25/2018	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		1.98	0.000	0.390	0.390	0.506	06/25/2018	13:18
2	ICB		1	100	100		1.77	0.000	0.000	0.000	0.000	06/25/2018	13:19
3	CCV1	0.5	1	100	100		2.05	0.000	0.389	0.389	0.505	06/25/2018	13:19
4	CCB1		1	100	100		2.10	0.000	0.000	0.000	0.000	06/25/2018	13:20
5	PB110573BL		1	2.50	100	7.15	1.76	0.000	0.000	0.000	0.000	06/25/2018	13:20
6	PB110573BS	20	1	2.55	100	7.25	1.69	0.000	0.369	0.369	0.479	06/25/2018	13:21
7	J3642-01		1	2.50	100	7.41	2.22	0.028	0.028	0.000	0.000	06/25/2018	13:21
8	J3642-01DUP		1	2.52	100	7.15	1.96	0.029	0.029	0.000	0.000	06/25/2018	13:22
9	J3642-01MSPre	40	2	2.55	100	7.26	2.06	0.025	0.143	0.118	0.153	06/25/2018	13:22
10	J3642-01MS2Ins	1284	40	2.50	100	7.43	1.74	0.012	0.606	0.594	0.771	06/25/2018	13:23
11	J3642-01MS3Post	40	2	2.55	100	7.29	1.99	0.026	0.177	0.151	0.196	06/25/2018	13:23
12	J3642-05		1	2.50	100	7.55	2.08	0.026	0.026	0.000	0.000	06/25/2018	13:24
13	J3684-03		1	2.53	100	7.10	2.01	0.017	0.017	0.000	0.000	06/25/2018	13:24
14	J3684-07		1	2.50	100	7.28	1.85	0.015	0.015	0.000	0.000	06/25/2018	13:25
15	CCV2	0.5	1	100	100		1.83	0.000	0.389	0.389	0.505	06/25/2018	13:25
16	CCB2		1	100	100		1.74	0.000	0.000	0.000	0.000	06/25/2018	13:26
17	J3684-10		1	2.52	100	7.23	1.93	0.026	0.026	0.000	0.000	06/25/2018	13:26
18	PB110572BL		1	2.55	100	7.11	2.10	0.000	0.000	0.000	0.000	06/25/2018	13:27
19	PB110572BS	20	1	2.55	100	7.16	1.99	0.000	0.368	0.368	0.477	06/25/2018	13:27
20	J3240-05		1	2.52	100	7.49	1.75	0.026	0.026	0.000	0.000	06/25/2018	13:28
21	J3241-13		1	2.53	100	7.48	1.74	0.015	0.015	0.000	0.000	06/25/2018	13:28
22	J3241-15		1	2.50	100	7.16	1.69	0.011	0.011	0.000	0.000	06/25/2018	13:29
23	J3241-17		1	2.53	100	7.44	2.06	0.016	0.016	0.000	0.000	06/25/2018	13:29
24	J3252-03		1	2.50	100	7.26	1.95	0.017	0.017	0.000	0.000	06/25/2018	13:30
25	J3667-01		1	2.51	100	7.24	2.10	1.771	3.923	2.152	2.792	06/25/2018	13:30
26	J3676-01		1	2.53	100	7.12	1.89	0.079	0.079	0.000	0.000	06/25/2018	13:31
27	CCV3	0.5	1	100	100		1.69	0.000	0.390	0.390	0.506	06/25/2018	13:31
28	CCB3		1	100	100		1.74	0.000	0.000	0.000	0.000	06/25/2018	13:32
29	J3676-05		1	2.55	100	7.16	1.96	0.059	0.059	0.000	0.000	06/25/2018	13:32
30	J3676-09		1	2.50	100	7.15	1.92	0.140	0.140	0.000	0.000	06/25/2018	13:33
31	J3681-01		1	2.55	100	7.22	1.77	0.034	0.036	0.002	0.003	06/25/2018	13:33
32	J3681-03		1	2.55	100	7.29	2.06	0.017	0.021	0.004	0.005	06/25/2018	13:34
33	J3681-03DUP		1	2.50	100	7.36	2.10	0.018	0.022	0.004	0.005	06/25/2018	13:34
34	J3681-03MSPre	40	2	2.53	100	7.44	2.18	0.017	0.257	0.240	0.311	06/25/2018	13:35
35	J3681-03MS2Ins	1284	40	2.50	100	7.63	2.31	0.014	0.612	0.598	0.776	06/25/2018	13:35
36	J3681-03MS3Post	40	2	2.53	100	7.22	1.98	0.015	0.324	0.309	0.401	06/25/2018	13:36
37	J3667-01		10	2.51	100	7.24	2.10	0.200	0.924	0.724	0.939	06/25/2018	13:36
38	CCV4	0.5	1	100	100		1.75	0.000	0.389	0.389	0.505	06/25/2018	13:37
39	CCB4		1	100	100		1.66	0.000	0.000	0.000	0.000	06/25/2018	13:37