

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Sweta

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB95632

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP64829
Calibration Std. hexchrome 0.05 ppm	WP64828
5N sulfuric acid	WP61786
Calibratation STD HexaChrome 1 PPM	WP64831
Calibratation STD Hexa Chrome 0.5 PPM	WP64830
calibration std. hexchrome 0.01 ppm	WP64837
calibration std. hexchrome 0 ppm	WP64825
Hexavalent Chromium ICV Std.	WP64832
Hexavalent Chromium CCV Std	WP64833
hexavalent chromium color reagent	WP64738
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP64827

Intercept: 0.0006

Slope: 0.7702

Regression: 0.999974

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		2.10	0.000	0.000	0.000	05/25/2018	13:15
2	CAL2	0.01	1	100	100		1.98	0.000	0.006	0.006	05/25/2018	13:15
3	CAL3	0.025	1	100	100		1.77	0.000	0.019	0.019	05/25/2018	13:16
4	CAL4	0.05	1	100	100		1.65	0.000	0.039	0.039	05/25/2018	13:16
5	CAL5	0.1	1	100	100		2.03	0.000	0.080	0.080	05/25/2018	13:17
6	CAL6	0.5	1	100	100		1.79	0.000	0.389	0.389	05/25/2018	13:17
7	CAL7	1	1	100	100		1.89	0.000	0.769	0.769	05/25/2018	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		2.10	0.000	0.390	0.390	0.506	05/25/2018	13:18
2	ICB		1	100	100		1.89	0.000	0.000	0.000	-0.001	05/25/2018	13:19
3	CCV1	0.5	1	100	100		1.98	0.000	0.389	0.389	0.504	05/25/2018	13:19
4	CCB1		1	100	100		1.75	0.000	0.000	0.000	-0.001	05/25/2018	13:20
5	PB109689BL		1	2.55	100	7.42	1.63	0.000	0.000	0.000	-0.001	05/25/2018	13:20
6	PB109689BS	20	1	2.50	100	7.12	1.96	0.000	0.364	0.364	0.472	05/25/2018	13:21
7	J3132-01		1	2.52	100	7.52	1.75	0.014	0.014	0.000	-0.001	05/25/2018	13:21
8	J3132-01DUP		1	2.50	100	7.26	2.02	0.015	0.015	0.000	-0.001	05/25/2018	13:22
9	J3132-01MSPre	40	2	2.50	100	7.35	1.69	0.012	0.332	0.320	0.415	05/25/2018	13:22
10	J3132-01MS2Ins	1284	40	2.55	100	7.24	1.75	0.010	0.619	0.609	0.790	05/25/2018	13:23
11	J3132-01MS3Post	40	2	2.50	100	7.12	1.69	0.013	0.350	0.337	0.437	05/25/2018	13:23
12	J3132-03		1	2.53	100	7.28	1.89	0.023	0.023	0.000	-0.001	05/25/2018	13:24
13	J3133-01		1	2.55	100	7.22	1.75	0.018	0.018	0.000	-0.001	05/25/2018	13:24
14	J3133-03		1	2.50	100	7.31	1.56	0.015	0.015	0.000	-0.001	05/25/2018	13:25
15	CCV2	0.5	1	100	100		1.36	0.000	0.389	0.389	0.504	05/25/2018	13:25
16	CCB2		1	100	100		1.85	0.000	0.000	0.000	-0.001	05/25/2018	13:26
17	J3134-01		1	2.52	100	7.19	2.05	0.028	0.030	0.002	0.002	05/25/2018	13:26
18	J3136-01		1	2.55	100	7.41	2.11	0.004	0.008	0.004	0.004	05/25/2018	13:27
19	J3136-03		1	2.50	100	7.27	1.98	0.012	0.018	0.006	0.007	05/25/2018	13:27
20	J3136-05		1	2.53	100	7.25	1.85	0.008	0.011	0.003	0.003	05/25/2018	13:28
21	PB109687BL		1	2.50	100	7.23	1.99	0.000	0.000	0.000	-0.001	05/25/2018	13:28
22	PB109687BS	20	1	2.55	100	7.15	1.65	0.000	0.370	0.370	0.480	05/25/2018	13:29
23	J2679-25		1	2.52	100	7.40	1.52	0.005	0.005	0.000	-0.001	05/25/2018	13:29
24	J2679-27		1	2.55	100	7.25	1.71	0.018	0.018	0.000	-0.001	05/25/2018	13:30
25	J2679-29		1	2.50	100	7.28	1.72	0.006	0.006	0.000	-0.001	05/25/2018	13:30
26	J3114-01		1	2.53	100	7.14	2.04	0.012	0.012	0.000	-0.001	05/25/2018	13:31
27	CCV3	0.5	1	100	100		1.59	0.000	0.389	0.389	0.504	05/25/2018	13:31
28	CCB3		1	100	100		2.10	0.000	0.000	0.000	-0.001	05/25/2018	13:32
29	J3114-04		1	2.50	100	7.33	1.85	0.005	0.005	0.000	-0.001	05/25/2018	13:32
30	J3114-04DUP		1	2.53	100	7.31	1.62	0.006	0.006	0.000	-0.001	05/25/2018	13:33
31	J3114-04MSPre	40	2	2.55	100	7.21	1.75	0.008	0.287	0.279	0.361	05/25/2018	13:33
32	J3114-04MS2Ins	1284	40	2.50	100	7.22	1.95	0.011	0.611	0.600	0.778	05/25/2018	13:34
33	J3114-04MS3Post	40	2	2.53	100	7.15	1.99	0.006	0.351	0.345	0.447	05/25/2018	13:34
34	J3128-01		1	2.54	100	7.16	1.74	0.018	0.018	0.000	-0.001	05/25/2018	13:35
35	J3128-04		1	2.50	100	7.25	1.82	0.014	0.014	0.000	-0.001	05/25/2018	13:35
36	J3130-01		1	2.52	100	7.34	1.93	0.015	0.015	0.000	-0.001	05/25/2018	13:36
37	J3130-03		1	2.53	100	7.16	1.96	0.003	0.006	0.003	0.003	05/25/2018	13:36
38	J3130-05		1	2.55	100	7.36	1.82	0.008	0.015	0.007	0.008	05/25/2018	13:37
39	CCV4	0.5	1	100	100		1.86	0.000	0.389	0.389	0.504	05/25/2018	13:37
40	CCB4		1	100	100		1.82	0.000	0.000	0.000	-0.001	05/25/2018	13:38
41	J3130-07		1	2.50	100	7.16	2.10	0.005	0.005	0.000	-0.001	05/25/2018	13:38
42	CCV5	0.5	1	100	100		2.05	0.000	0.389	0.389	0.504	05/25/2018	13:39

43	CCB5		1	100	100		1.98	0.000	0.000	0.000	-0.001	05/25/2018	13:39
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