

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Sweta

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB95591

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP64778
Calibration Std. hexchrome 0.05 ppm	WP64777
5N sulfuric acid	WP61786
Calibratation STD HexaChrome 1 PPM	WP64780
Calibratation STD Hexa Chrome 0.5 PPM	WP64779
calibration std. hexchrome 0.01 ppm	WP64775
calibration std. hexchrome 0 ppm	WP64774
Hexavalent Chromium ICV Std.	WP64781
Hexavalent Chromium CCV Std	WP64783
hexavalent chromium color reagent	WP64738
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP64776

Intercept: 0.0003

Slope: 0.7701

Regression: 0.999985

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	05/24/2018	14:00
2	CAL2	0.01	1	100	100		1.88	0.000	0.007	0.007	05/24/2018	14:00
3	CAL3	0.025	1	100	100		1.57	0.000	0.018	0.018	05/24/2018	14:01
4	CAL4	0.05	1	100	100		2.29	0.000	0.039	0.039	05/24/2018	14:01
5	CAL5	0.1	1	100	100		2.44	0.000	0.079	0.079	05/24/2018	14:02
6	CAL6	0.5	1	100	100		1.63	0.000	0.388	0.388	05/24/2018	14:02
7	CAL7	1	1	100	100		2.39	0.000	0.769	0.769	05/24/2018	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		1.66	0.000	0.390	0.390	0.506	05/24/2018	14:03
2	ICB		1	100	100		2.39	0.000	0.000	0.000	0.000	05/24/2018	14:04
3	CCV1	0.5	1	100	100		1.89	0.000	0.389	0.389	0.505	05/24/2018	14:04
4	CCB1		1	100	100		1.82	0.000	0.000	0.000	0.000	05/24/2018	14:05
5	PB109636BL		1	2.55	100	7.26	2.10	0.000	0.000	0.000	0.000	05/24/2018	14:05
6	PB109636BS	20	1	2.50	100	7.16	1.76	0.001	0.362	0.361	0.468	05/24/2018	14:06
7	J2670-05		1	2.50	100	7.19	1.55	0.017	0.017	0.000	0.000	05/24/2018	14:06
8	J2672-07		1	2.53	100	7.28	1.87	0.031	0.031	0.000	0.000	05/24/2018	14:07
9	J2678-03		1	2.52	100	7.34	1.63	0.004	0.004	0.000	0.000	05/24/2018	14:07
10	J3084-01		1	2.50	100	7.19	1.88	0.145	0.145	0.000	0.000	05/24/2018	14:08
11	J3084-05		1	2.55	100	7.10	1.72	0.075	0.075	0.000	0.000	05/24/2018	14:08
12	J3084-09		1	2.52	100	7.14	1.69	0.012	0.012	0.000	0.000	05/24/2018	14:09
13	J3086-01		1	2.50	100	7.29	1.74	0.015	0.015	0.000	0.000	05/24/2018	14:09
14	J3094-01		1	2.53	100	7.46	1.99	0.008	0.011	0.003	0.004	05/24/2018	14:10
15	CCV2	0.5	1	100	100		1.94	0.000	0.389	0.389	0.505	05/24/2018	14:10
16	CCB2		1	100	100		1.75	0.000	0.000	0.000	0.000	05/24/2018	14:11
17	J3095-01		1	2.50	100	7.28	2.03	0.006	0.006	0.000	0.000	05/24/2018	14:11
18	J3099-01		1	2.54	100	7.14	1.82	0.006	0.012	0.006	0.007	05/24/2018	14:12
19	J3099-04		1	2.53	100	7.05	2.10	0.016	0.016	0.000	0.000	05/24/2018	14:12
20	J3101-01		1	2.55	100	7.36	1.69	0.014	0.014	0.000	0.000	05/24/2018	14:13
21	J3101-01DUP		1	2.53	100	7.16	1.64	0.015	0.015	0.000	0.000	05/24/2018	14:13
22	J3101-01MSPre	40	2	2.50	100	7.42	1.86	0.011	0.292	0.281	0.364	05/24/2018	14:14
23	J3101-01MS2Ins	1284	40	2.55	100	7.24	1.75	0.011	0.623	0.612	0.794	05/24/2018	14:14
24	J3101-01MS3Post	40	2	2.53	100	7.39	1.74	0.012	0.352	0.340	0.441	05/24/2018	14:15
25	J3104-01		1	2.50	100	7.42	1.69	0.006	0.032	0.026	0.033	05/24/2018	14:15
26	J3104-03		1	2.55	100	7.22	1.85	0.011	0.011	0.000	0.000	05/24/2018	14:16
27	CCV3	0.5	1	100	100		2.10	0.000	0.390	0.390	0.506	05/24/2018	14:16
28	CCB3		1	100	100		1.85	0.000	0.000	0.000	0.000	05/24/2018	14:17