CHEMTECH

Analytical Summary Report

Analysis Method: 7196A
Parameter: Hexavalent Chromium
Run Number: LB90627

ANALYST: Priscilla
SUPERVISOR REVIEW BY: apatel
pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP58604
Calibration Std. hexchrome 0.05 ppm	WP58603
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP58606
Calibratation STD Hexa Chrome 0.5 PPM	WP58605
calibration std. hexchrome 0.01 ppm	WP58601
calibration std. hexchrome 0 ppm	WP58600
Hexavalent Chromium ICV Std.	WP58607
Hexavalent Chromium CCV Std	WP58608
hexavalent chromium color reagent	WP58449
HNO3 Hex-Chrome, 5M	WP58193
Calibration std Hexachrome, 0.025ppm	WP58602

Intercept: 0.0001 **Slope:** 0.7758 **Regression:** 0.999951

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		1.63	0.000	0.000	0.000	10/06/2017	12:30
2	CAL2	0.01	1	100	100		1.84	0.000	0.008	0.008	10/06/2017	12:30
3	CAL3	0.025	1	100	100		2.02	0.000	0.018	0.018	10/06/2017	12:31
4	CAL4	0.05	1	100	100		1.96	0.000	0.037	0.037	10/06/2017	12:31
5	CAL5	0.1	1	100	100		2.12	0.000	0.078	0.078	10/06/2017	12:32
6	CAL6	0.5	1	100	100		2.22	0.000	0.394	0.394	10/06/2017	12:32
7	CAL7	1	1	100	100		1.74	0.000	0.773	0.773	10/06/2017	12:33

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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 Backgrnd	Absorb. at 540 Color	Absorbance Difference	Result	Anal Date	Anal Time
1	ICV	0.5	1	100	100		1.63	0.000	0.394	0.394	0.508	10/06/2017	12:33
2	ICB		1	100	100		1.96	0.000	0.000	0.000	0.000	10/06/2017	12:34
3	CCV1	0.5	1	100	100		2.03	0.000	0.393	0.393	0.506	10/06/2017	12:34
4	CCB1		1	100	100		2.22	0.000	0.000	0.000	0.000	10/06/2017	12:35
5	PB102991BL		1	2.55	100	7.23	2.13	0.000	0.000	0.000	0.000	10/06/2017	12:35
6	PB102991BS	20	1	2.55	100	7.85	1.65	0.003	0.351	0.348	0.448	10/06/2017	12:36
7	I5702-01		1	2.55	100	7.96	1.77	0.004	0.008	0.004	0.005	10/06/2017	12:36
8	I5708-01		1	2.51	100	7.21	1.96	0.014	0.015	0.001	0.001	10/06/2017	12:37
9	I5709-01		1	2.52	100	7.77	2.03	0.069	0.070	0.001	0.001	10/06/2017	12:37
10	I5709-02		1	2.53	100	7.84	2.41	0.044	0.044	0.000	0.000	10/06/2017	12:38
11	I5709-03		1	2.55	100	7.89	1.78	0.053	0.054	0.001	0.001	10/06/2017	12:38
12	I5709-04		1	2.52	100	7.77	2.03	0.068	0.069	0.001	0.001	10/06/2017	12:39
13	I5709-05		1	2.54	100	7.12	1.94	0.016	0.017	0.001	0.001	10/06/2017	12:39
14	I5709-05DUP		1	2.55	100	7.13	1.85	0.015	0.016	0.001	0.001	10/06/2017	12:40
15	CCV2	0.5	1	100	100		2.01	0.000	0.394	0.394	0.508	10/06/2017	12:40
16	CCB2		1	100	100		2.15	0.000	0.000	0.000	0.000	10/06/2017	12:41
17	I5709-06Pre	40	2	2.55	100	7.12	1.69	0.015	0.015	0.000	0.000	10/06/2017	12:41
18	I5709-062Ins	1284	40	2.54	100	7.15	2.05	0.000	0.643	0.643	0.829	10/06/2017	12:42
19	I5709-063Post	40	2	2.52	100	7.16	1.73	0.019	0.026	0.007	0.009	10/06/2017	12:42
20	I5709-07	40	2	2.55	100	7.12	1.69	0.015	0.015	0.000	0.000	10/06/2017	12:43
21	I5709-08		1	2.50	100	7.84	2.42	0.137	0.137	0.000	0.000	10/06/2017	12:43
22	I5714-01		1	2.50	100	7.11	1.82	0.054	0.054	0.000	0.000	10/06/2017	12:44
23	I5715-01		1	2.50	100	7.69	1.65	0.006	0.028	0.022	0.028	10/06/2017	12:44
24	I5715-04		1	2.55	100	7.83	2.08	0.016	0.025	0.009	0.011	10/06/2017	12:45
25	I5715-07		1	2.51	100	7.94	2.29	0.016	0.017	0.001	0.001	10/06/2017	12:45
26	I5715-10		1	2.50	100	7.82	2.31	0.008	0.009	0.001	0.001	10/06/2017	12:46
27	CCV3	0.5	1	100	100		1.54	0.000	0.393	0.393	0.506	10/06/2017	12:46
28	CCB3		1	100	100		1.95	0.000	0.000	0.000	0.000	10/06/2017	12:47
29	I5715-13		1	2.50	100	7.14	2.14	0.008	0.009	0.001	0.001	10/06/2017	12:47
30	I5716-01		1	2.52	100	7.65	2.48	0.009	0.010	0.001	0.001	10/06/2017	12:48
31	CCV4	0.5	1	100	100		1.66	0.000	0.394	0.394	0.508	10/06/2017	12:48
32	CCB4		1	100	100		1.95	0.000	0.000	0.000	0.000	10/06/2017	12:49