CHEMTECH

Analytical Summary Report

Analysis Method: 7196A
Parameter: Hexavalent Chromium
Run Number: LB91177

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

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP59145
Calibration Std. hexchrome 0.05 ppm	WP59144
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP59147
Calibratation STD Hexa Chrome 0.5 PPM	WP59146
calibration std. hexchrome 0.01 ppm	WP59142
calibration std. hexchrome 0 ppm	WP59141
Hexavalent Chromium ICV Std.	WP59148
Hexavalent Chromium CCV Std	WP59149
hexavalent chromium color reagent	WP58994
HNO3 Hex-Chrome, 5M	WP58774
Calibration std Hexachrome, 0.025ppm	WP59143

Intercept: 0 **Slope:** 0.7743 **Regression:** 0.999937

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		2.05	0.000	0.000	0.000	10/27/2017	12:00
2	CAL2	0.01	1	100	100		2.20	0.000	0.007	0.007	10/27/2017	12:00
3	CAL3	0.025	1	100	100		1.90	0.000	0.017	0.017	10/27/2017	12:01
4	CAL4	0.05	1	100	100		2.39	0.000	0.038	0.038	10/27/2017	12:01
5	CAL5	0.1	1	100	100		1.77	0.000	0.078	0.078	10/27/2017	12:02
6	CAL6	0.5	1	100	100		2.46	0.000	0.394	0.394	10/27/2017	12:02
7	CAL7	1	1	100	100		1.69	0.000	0.771	0.771	10/27/2017	12:03

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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 Backgrnd	Absorb. at 540 Color	Absorbance Difference	Result	Anal Date	Anal Time
1	ICV	0.5	1	100	100		2.11	0.000	0.389	0.389	0.502	10/27/2017	12:03
2	ICB		1	100	100		1.63	0.000	0.000	0.000	0.000	10/27/2017	12:04
3	CCV1	0.5	1	100	100		1.58	0.000	0.390	0.390	0.504	10/27/2017	12:04
4	CCB1		1	100	100		2.38	0.000	0.000	0.000	0.000	10/27/2017	12:05
5	PB103731BL		1	2.52	100	7.10	2.21	0.000	0.000	0.000	0.000	10/27/2017	12:05
6	PB103731BS	20	1	2.55	100	7.25	2.40	0.000	0.367	0.367	0.474	10/27/2017	12:06
7	I6138-01		1	2.51	100	7.82	1.77	0.011	0.011	0.000	0.000	10/27/2017	12:06
8	I6138-05		1	2.50	100	7.31	1.56	0.003	0.007	0.004	0.005	10/27/2017	12:07
9	I6141-01		1	2.51	100	7.15	2.21	0.037	0.037	0.000	0.000	10/27/2017	12:07
10	I6141-04		1	2.52	100	7.94	2.40	0.033	0.033	0.000	0.000	10/27/2017	12:08
11	I6146-01		1	2.55	100	7.36	2.08	0.066	0.066	0.000	0.000	10/27/2017	12:08
12	I6146-04		1	2.52	100	7.15	1.60	0.045	0.045	0.000	0.000	10/27/2017	12:09
13	I6146-07		1	2.54	100	7.24	1.59	0.052	0.052	0.000	0.000	10/27/2017	12:09
14	I6166-01		1	2.53	100	7.33	2.38	0.090	0.090	0.000	0.000	10/27/2017	12:10
15	CCV2	0.5	1	100	100		2.10	0.000	0.390	0.390	0.504	10/27/2017	12:10
16	CCB2		1	100	100		1.58	0.000	0.000	0.000	0.000	10/27/2017	12:11
17	I6167-01		1	2.54	100	7.16	1.73	0.038	0.038	0.000	0.000	10/27/2017	12:11
18	I6169-01		1	2.50	100	7.55	2.04	0.023	0.023	0.000	0.000	10/27/2017	12:12
19	I6169-01DUP		1	2.53	100	7.36	2.31	0.022	0.022	0.000	0.000	10/27/2017	12:12
20	I6169-01MSPre	40	2	2.52	100	7.10	2.25	0.025	0.301	0.276	0.356	10/27/2017	12:13
21	I6169-01MS2Ins	1284	40	2.50	100	7.17	1.78	0.026	0.610	0.584	0.754	10/28/2017	12:13
22	I6169-01MS3Post	40	2	2.51	100	7.54	1.93	0.028	0.333	0.305	0.394	10/27/2017	12:14
23	I6171-01		1	2.52	100	7.36	2.17	0.014	0.014	0.000	0.000	10/27/2017	12:14
24	I6171-03		1	2.55	100	7.10	2.31	0.031	0.031	0.000	0.000	10/27/2017	12:15
25	I6171-05		1	2.51	100	7.50	1.60	0.035	0.035	0.000	0.000	10/27/2017	12:15
26	I6171-07		1	2.53	100	7.63	2.08	0.028	0.028	0.000	0.000	10/27/2017	12:16
27	CCV3	0.5	1	100	100		2.40	0.000	0.391	0.391	0.505	10/27/2017	12:16
28	CCB3		1	100	100		1.78	0.000	0.000	0.000	0.000	10/27/2017	12:17
29	I6171-09		1	2.52	100	7.41	1.80	0.042	0.042	0.000	0.000	10/27/2017	12:17
30	CCV4	0.5	1	100	100		2.23	0.000	0.391	0.391	0.505	10/27/2017	12:18
31	CCB4		1	100	100		2.16	0.000	0.000	0.000	0.000	10/27/2017	12:18