CHEMTECH

Analytical Summary Report

Analysis Method: 7196A
Parameter: Hexavalent Chromium
Run Number: LB91958

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

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP60107
Calibration Std. hexchrome 0.05 ppm	WP60106
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP60109
Calibratation STD Hexa Chrome 0.5 PPM	WP60108
calibration std. hexchrome 0.01 ppm	WP60104
calibration std. hexchrome 0 ppm	WP60094
Hexavalent Chromium ICV Std.	WP60110
Hexavalent Chromium CCV Std	WP60111
hexavalent chromium color reagent	WP60013
HNO3 Hex-Chrome, 5M	WP58774
Calibration std Hexachrome, 0.025ppm	WP60105

Intercept: 0.0003 **Slope:** 0.7744 **Regression:** 0.999921

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		2.15	0.000	0.000	0.000	12/05/2017	14:00
2	CAL2	0.01	1	100	100		1.96	0.000	0.007	0.007	12/05/2017	14:00
3	CAL3	0.025	1	100	100		1.70	0.000	0.017	0.017	12/05/2017	14:01
4	CAL4	0.05	1	100	100		2.33	0.000	0.038	0.038	12/05/2017	14:01
5	CAL5	0.1	1	100	100		2.42	0.000	0.079	0.079	12/05/2017	14:02
6	CAL6	0.5	1	100	100		1.88	0.000	0.395	0.395	12/05/2017	14:02
7	CAL7	1	1	100	100		2.48	0.000	0.771	0.771	12/05/2017	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		1.90	0.000	0.389	0.389	0.502	12/05/2017	14:03
2	ICB		1	100	100		2.13	0.000	0.000	0.000	0.000	12/05/2017	14:04
3	CCV1	0.5	1	100	100		2.38	0.000	0.391	0.391	0.505	12/05/2017	14:04
4	CCB1		1	100	100		1.57	0.000	0.000	0.000	0.000	12/05/2017	14:05
5	PB104749BL		1	2.54	100	7.38	1.83	0.000	0.000	0.000	0.000	12/05/2017	14:05
6	PB104749BS	20	1	2.52	100	7.20	2.22	0.000	0.354	0.354	0.457	12/05/2017	14:06
7	I6676-01		1	2.53	100	7.63	2.35	0.009	0.009	0.000	0.000	12/05/2017	14:06
8	I6718-01		1	2.52	100	7.74	1.77	0.027	0.027	0.000	0.000	12/05/2017	14:07
9	I6718-04		1	2.51	100	7.91	1.90	0.042	0.042	0.000	0.000	12/05/2017	14:07
10	I6718-07		1	2.52	100	7.66	2.04	0.024	0.026	0.002	0.002	12/05/2017	14:08
11	I6718-10		1	2.55	100	7.54	2.28	0.016	0.019	0.003	0.003	12/05/2017	14:08
12	I6718-13		1	2.50	100	7.20	2.39	0.005	0.005	0.000	0.000	12/05/2017	14:09
13	I6718-13DUP		1	2.51	100	7.39	1.54	0.006	0.006	0.000	0.000	12/05/2017	14:09
14	I6718-13MSPre	40	2	2.55	100	7.20	1.62	0.009	0.288	0.279	0.360	12/05/2017	14:10
15	CCV2	0.5	1	100	100		2.46	0.000	0.391	0.391	0.505	12/05/2017	14:10
16	CCB2		1	100	100		2.21	0.000	0.000	0.000	0.000	12/05/2017	14:11
17	I6718-13MS2Ins	1284	40	2.55	100	7.41	1.69	0.007	0.620	0.613	0.791	12/05/2017	14:11
18	I6718-13MS3Post	40	2	2.55	100	7.60	1.82	0.010	0.307	0.297	0.383	12/05/2017	14:12
19	I6718-16		1	2.53	100	7.89	2.20	0.013	0.013	0.000	0.000	12/05/2017	14:12
20	I6734-01		1	2.52	100	7.71	2.31	0.095	0.095	0.000	0.000	12/05/2017	14:13
21	I6734-03		1	2.55	100	7.10	2.44	0.137	0.137	0.000	0.000	12/05/2017	14:13
22	CCV3	0.5	1	100	100		1.80	0.000	0.392	0.392	0.506	12/05/2017	14:14
23	CCB3		1	100	100		1.93	0.000	0.000	0.000	0.000	12/05/2017	14:14