CHEMTECH

Analytical Summary Report

Analysis Method: 7196A
Parameter: Hexavalent Chromium
Run Number: LB88481

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

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP56079
Calibration Std. hexchrome 0.05 ppm	WP56078
5N sulfuric acid	WP55256
Calibratation STD HexaChrome 1 PPM	WP56082
Calibratation STD Hexa Chrome 0.5 PPM	WP56081
calibration std. hexchrome 0.01 ppm	WP56072
calibration std. hexchrome 0 ppm	WP56070
Hexavalent Chromium ICV Std.	WP56083
Hexavalent Chromium CCV Std	WP56084
hexavalent chromium color reagent	WP56010
HNO3 Hex-Chrome, 5M	WP55974
Calibration std Hexachrome, 0.025ppm	WP56080

Intercept: -0.0001 **Slope:** 0.7801 **Regression:** 0.999947

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	06/30/2017	14:10
2	CAL2	0.01	1	100	100		1.58	0.000	0.006	0.006	06/30/2017	14:10
3	CAL3	0.025	1	100	100		2.10	0.000	0.017	0.017	06/30/2017	14:11
4	CAL4	0.05	1	100	100		1.86	0.000	0.039	0.039	06/30/2017	14:11
5	CAL5	0.1	1	100	100		1.97	0.000	0.079	0.079	06/30/2017	14:12
6	CAL6	0.5	1	100	100		2.44	0.000	0.396	0.396	06/30/2017	14:12
7	CAL7	1	1	100	100		2.30	0.000	0.777	0.777	06/30/2017	14:13

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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		2.46	0.000	0.389	0.389	0.499	06/30/2017	14:13
2	ICB		1	100	100		1.75	0.000	0.000	0.000	0.000	06/30/2017	14:14
3	CCV1	0.5	1	100	100		1.69	0.000	0.390	0.390	0.500	06/30/2017	14:14
4	CCB1		1	100	100		2.30	0.000	0.000	0.000	0.000	06/30/2017	14:15
5	PB100362BL		1	2.51	100	7.35	2.47	0.000	0.000	0.000	0.000	06/30/2017	14:15
6	PB100362BS	20	1	2.55	100	7.13	2.41	0.000	0.392	0.392	0.503	06/30/2017	14:16
7	I3980-01		1	2.54	100	7.46	1.88	0.011	0.011	0.000	0.000	06/30/2017	14:16
8	I3980-04		1	2.52	100	7.89	1.74	0.009	0.009	0.000	0.000	06/30/2017	14:17
9	I3980-07		1	2.50	100	7.52	2.17	0.010	0.010	0.000	0.000	06/30/2017	14:17
10	I3980-10		1	2.51	100	7.41	2.44	0.013	0.013	0.000	0.000	06/30/2017	14:18
11	I3982-01		1	2.50	100	7.30	2.20	0.030	0.031	0.001	0.001	06/30/2017	14:18
12	I3982-05		1	2.52	100	7.12	2.31	0.010	0.010	0.000	0.000	06/30/2017	14:19
13	I3982-10		1	2.55	100	7.25	2.08	0.016	0.017	0.001	0.001	06/30/2017	14:19
14	I3982-14		1	2.50	100	7.38	1.77	0.011	0.011	0.000	0.000	06/30/2017	14:20
15	CCV2	0.5	1	100	100		1.63	0.000	0.390	0.390	0.500	06/30/2017	14:20
16	CCB2		1	100	100		1.91	0.000	0.000	0.000	0.000	06/30/2017	14:21
17	I3982-14DUP		1	2.53	100	7.04	2.25	0.012	0.012	0.000	0.000	06/30/2017	14:21
18	I3982-14MSPre	40	2	2.51	100	7.36	2.16	0.014	0.380	0.366	0.469	06/30/2017	14:22
19	I3982-14MS2Ins	1284	40	2.55	100	7.45	1.80	0.012	0.641	0.629	0.806	06/30/2017	14:22
20	I3982-14MS3Post	40	2	2.50	100	7.80	1.74	0.016	0.390	0.374	0.480	06/30/2017	14:23
21	I3991-01		1	2.50	100	7.91	2.20	0.018	0.018	0.000	0.000	06/30/2017	14:23
22	I3991-04		1	2.53	100	7.30	2.34	0.020	0.020	0.000	0.000	06/30/2017	14:24
23	I3991-07		1	2.51	100	7.46	1.57	0.012	0.012	0.000	0.000	06/30/2017	14:24
24	I4007-01		1	2.50	100	7.20	2.35	0.015	0.015	0.000	0.000	06/30/2017	14:25
25	I4007-06		1	2.53	100	7.42	2.28	0.013	0.013	0.000	0.000	06/30/2017	14:25
26	CCV3	0.5	1	100	100		1.63	0.000	0.391	0.391	0.501	06/30/2017	14:26
27	CCB3		1	100	100		2.09	0.000	0.000	0.000	0.000	06/30/2017	14:26