CHEMTECH

Analytical Summary Report

Analysis Method: 7196A
Parameter: Hexavalent Chromium
Run Number: LB88342

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

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP55909
Calibration Std. hexchrome 0.05 ppm	WP55908
5N sulfuric acid	WP55256
Calibratation STD HexaChrome 1 PPM	WP55911
Calibratation STD Hexa Chrome 0.5 PPM	WP55910
calibration std. hexchrome 0.01 ppm	WP55906
calibration std. hexchrome 0 ppm	WP55905
Hexavalent Chromium ICV Std.	WP55912
Hexavalent Chromium CCV Std	WP55913
hexavalent chromium color reagent	WP55833
HNO3 Hex-Chrome, 5M	WP53205
Calibration std Hexachrome, 0.025ppm	WP55907

Intercept: 0.0005 **Slope:** 0.779 **Regression:** 0.999932

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		1.91	0.000	0.000	0.000	06/25/2017	13:01
2	CAL2	0.01	1	100	100		1.58	0.000	0.008	0.008	06/25/2017	13:01
3	CAL3	0.025	1	100	100		2.34	0.000	0.017	0.017	06/25/2017	13:02
4	CAL4	0.05	1	100	100		1.69	0.000	0.039	0.039	06/25/2017	13:02
5	CAL5	0.1	1	100	100		2.47	0.000	0.079	0.079	06/25/2017	13:03
6	CAL6	0.5	1	100	100		2.21	0.000	0.397	0.397	06/25/2017	13:03
7	CAL7	1	1	100	100		2.08	0.000	0.776	0.776	06/25/2017	13:04

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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		2.11	0.000	0.389	0.389	0.499	06/25/2017	13:04
2	ICB		1	100	100		2.46	0.000	0.000	0.000	-0.001	06/25/2017	13:05
3	CCV1	0.5	1	100	100		1.77	0.000	0.391	0.391	0.501	06/25/2017	13:05
4	CCB1		1	100	100		2.01	0.000	0.000	0.000	-0.001	06/25/2017	13:06
5	PB100102BL		1	2.51	100	7.81	1.63	0.000	0.000	0.000	-0.001	06/25/2017	13:06
6	PB100102BS	20	1	2.54	100	7.40	1.68	0.000	0.384	0.384	0.492	06/25/2017	13:07
7	I3868-01		1	2.50	100	7.45	2.31	0.012	0.012	0.000	-0.001	06/25/2017	13:07
8	I3868-04		1	2.53	100	7.52	2.28	0.016	0.016	0.000	-0.001	06/25/2017	13:08
9	I3868-07		1	2.55	100	7.33	2.16	0.010	0.010	0.000	-0.001	06/25/2017	13:08
10	I3868-10		1	2.50	100	7.60	1.88	0.007	0.007	0.000	-0.001	06/25/2017	13:09
11	I3868-13		1	2.52	100	7.21	1.97	0.020	0.021	0.001	0.001	06/25/2017	13:09
12	I3872-01		1	2.55	100	7.96	2.46	0.017	0.018	0.001	0.001	06/25/2017	13:10
13	I3872-04		1	2.53	100	7.12	1.90	0.031	0.032	0.001	0.001	06/25/2017	13:10
14	I3872-07		1	2.53	100	7.20	2.11	0.028	0.028	0.000	-0.001	06/25/2017	13:11
15	CCV2	0.5	1	100	100		1.70	0.000	0.391	0.391	0.501	06/25/2017	13:11
16	CCB2		1	100	100		2.38	0.000	0.000	0.000	-0.001	06/25/2017	13:12
17	I3872-07DUP		1	2.55	100	7.05	2.10	0.027	0.027	0.000	-0.001	06/25/2017	13:12
18	I3872-07MSPre	40	2	2.55	100	7.63	1.66	0.029	0.294	0.265	0.340	06/25/2017	13:13
19	I3872-07MS2Ins	1284	40	2.55	100	7.90	1.54	0.031	0.633	0.602	0.772	06/25/2017	13:13
20	I3872-07MS3Post	40	2	2.52	100	7.10	2.45	0.030	0.319	0.289	0.370	06/25/2017	13:14
21	I3880-01		1	2.50	100	7.36	2.24	0.009	0.009	0.000	-0.001	06/25/2017	13:14
22	I3880-02		1	2.51	100	7.44	2.31	0.030	0.031	0.001	0.001	06/25/2017	13:15
23	I3893-01		1	2.52	100	7.82	1.78	0.019	0.025	0.006	0.007	06/25/2017	13:15
24	I3893-04		1	2.50	100	7.31	1.96	0.022	0.022	0.000	-0.001	06/25/2017	13:16
25	I3893-07		1	2.51	100	7.40	2.04	0.029	0.040	0.011	0.013	06/25/2017	13:16
26	I3893-10		1	2.53	100	7.35	2.13	0.015	0.015	0.000	-0.001	06/25/2017	13:17
27	CCV3	0.5	1	100	100		1.99	0.000	0.392	0.392	0.503	06/25/2017	13:17
28	CCB3		1	100	100		2.43	0.000	0.000	0.000	-0.001	06/25/2017	13:18