CHEMTECH

Analytical Summary Report

Analysis Method: 7196A
Parameter: Hexavalent Chromium
Run Number: LB90915

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

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP58870
Calibration Std. hexchrome 0.05 ppm	WP58869
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP58873
Calibratation STD Hexa Chrome 0.5 PPM	WP58872
calibration std. hexchrome 0.01 ppm	WP58868
calibration std. hexchrome 0 ppm	WP58840
Hexavalent Chromium ICV Std.	WP58874
Hexavalent Chromium CCV Std	WP58875
hexavalent chromium color reagent	WP58799
HNO3 Hex-Chrome, 5M	WP58774
Calibration std Hexachrome, 0.025ppm	WP58871

Intercept: 0.0005 **Slope:** 0.7766 **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		2.13	0.000	0.000	0.000	10/18/2017	14:10
2	CAL2	0.01	1	100	100		1.99	0.000	0.007	0.007	10/18/2017	14:10
3	CAL3	0.025	1	100	100		1.63	0.000	0.018	0.018	10/18/2017	14:11
4	CAL4	0.05	1	100	100		2.44	0.000	0.039	0.039	10/18/2017	14:11
5	CAL5	0.1	1	100	100		1.58	0.000	0.079	0.079	10/18/2017	14:12
6	CAL6	0.5	1	100	100		1.77	0.000	0.395	0.395	10/18/2017	14:12
7	CAL7	1	1	100	100		2.05	0.000	0.774	0.774	10/18/2017	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		1.93	0.000	0.390	0.390	0.502	10/18/2017	14:13
2	ICB		1	100	100		1.88	0.000	0.000	0.000	-0.001	10/18/2017	14:14
3	CCV1	0.5	1	100	100		2.02	0.000	0.392	0.392	0.504	10/18/2017	14:14
4	CCB1		1	100	100		2.20	0.000	0.000	0.000	-0.001	10/18/2017	14:15
5	PB103408BL		1	2.50	100	7.20	2.36	0.000	0.000	0.000	-0.001	10/18/2017	14:15
6	PB103408BS	20	1	2.54	100	7.14	1.85	0.000	0.381	0.381	0.490	10/18/2017	14:16
7	I5943-01		1	2.50	100	7.60	2.13	0.010	0.010	0.000	-0.001	10/18/2017	14:16
8	I5943-01DUP		1	2.52	100	7.34	1.76	0.009	0.009	0.000	-0.001	10/18/2017	14:17
9	I5943-01MSPre	40	2	2.55	100	7.80	1.53	0.011	0.352	0.341	0.438	10/18/2017	14:17
10	I5943-01MS2Ins	1284	40	2.52	100	7.71	2.33	0.011	0.621	0.610	0.785	10/18/2017	14:18
11	I5943-01MS3Post	40	2	2.51	100	7.65	2.10	0.013	0.367	0.354	0.455	10/18/2017	14:18
12	I5950-01		1	2.53	100	7.92	1.97	0.044	0.044	0.000	-0.001	10/18/2017	14:19
13	I5950-02		1	2.51	100	7.37	2.78	0.050	0.050	0.000	-0.001	10/18/2017	14:19
14	I5950-03		1	2.52	100	7.52	1.59	0.055	0.055	0.000	-0.001	10/18/2017	14:20
15	CCV2	0.5	1	100	100		2.38	0.000	0.392	0.392	0.504	10/18/2017	14:20
16	CCB2		1	100	100		2.44	0.000	0.000	0.000	-0.001	10/18/2017	14:21
17	I5950-04		1	2.54	100	7.44	1.63	0.037	0.037	0.000	-0.001	10/18/2017	14:21
18	I5950-05		1	2.55	100	7.10	1.74	0.035	0.035	0.000	-0.001	10/18/2017	14:22
19	I5950-06		1	2.51	100	7.08	2.11	0.042	0.042	0.000	-0.001	10/18/2017	14:22
20	I5950-07		1	2.53	100	7.32	2.26	0.039	0.039	0.000	-0.001	10/18/2017	14:23
21	I5950-08		1	2.55	100	7.61	2.38	0.040	0.040	0.000	-0.001	10/18/2017	14:23
22	I5951-01		1	2.50	100	7.66	2.25	0.013	0.013	0.000	-0.001	10/18/2017	14:24
23	I5952-01		1	2.51	100	7.31	1.66	0.091	0.091	0.000	-0.001	10/18/2017	14:24
24	I5953-01		1	2.54	100	7.79	2.45	0.022	0.022	0.000	-0.001	10/18/2017	14:25
25	I5953-04		1	2.50	100	7.30	1.67	0.017	0.017	0.000	-0.001	10/18/2017	14:25
26	CCV3	0.5	1	100	100		1.90	0.000	0.393	0.393	0.505	10/18/2017	14:26
27	CCB3		1	100	100		2.07	0.000	0.000	0.000	-0.001	10/18/2017	14:26