CHEMTECH

Analytical Summary Report

Analysis Method: 7196A
Parameter: Hexavalent Chromium
Run Number: LB93992

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

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP62812
Calibration Std. hexchrome 0.05 ppm	WP62811
5N sulfuric acid	WP61786
Calibratation STD HexaChrome 1 PPM	WP62835
Calibratation STD Hexa Chrome 0.5 PPM	WP62820
calibration std. hexchrome 0.01 ppm	WP62809
calibration std. hexchrome 0 ppm	WP62808
Hexavalent Chromium ICV Std.	WP62831
Hexavalent Chromium CCV Std	WP62832
hexavalent chromium color reagent	WP62770
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP62810

Intercept: -0.0005 **Slope:** 0.769 **Regression:** 0.999994

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		1.85	0.000	0.000	0.000	03/19/2018	11:40
2	CAL2	0.01	1	100	100		1.96	0.000	0.007	0.007	03/19/2018	11:40
3	CAL3	0.025	1	100	100		1.75	0.000	0.017	0.017	03/19/2018	11:41
4	CAL4	0.05	1	100	100		1.82	0.000	0.039	0.039	03/19/2018	11:41
5	CAL5	0.1	1	100	100		1.65	0.000	0.076	0.076	03/19/2018	11:42
6	CAL6	0.5	1	100	100		2.35	0.000	0.385	0.385	03/19/2018	11:42
7	CAL7	1	1	100	100		2.15	0.000	0.768	0.768	03/19/2018	11:43

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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		1.98	0.000	0.386	0.386	0.503	03/19/2018	11:43
2	ICB		1	100	100		2.14	0.000	0.000	0.000	0.001	03/19/2018	11:44
3	CCV1	0.5	1	100	100		2.16	0.000	0.386	0.386	0.503	03/19/2018	11:44
4	CCB1		1	100	100		1.96	0.000	0.000	0.000	0.001	03/19/2018	11:45
5	PB107450BL		1	2.55	100	7.23	1.69	0.000	0.000	0.000	0.001	03/19/2018	11:45
6	PB107450BS	20	1	2.50	100	7.06	1.83	0.000	0.371	0.371	0.483	03/19/2018	11:46
7	J1750-01		1	2.55	100	7.56	2.10	0.019	0.019	0.000	0.001	03/19/2018	11:46
8	J1750-03		1	2.53	100	7.65	2.11	0.034	0.034	0.000	0.001	03/19/2018	11:47
9	J1750-05		1	2.53	100	7.45	2.18	0.011	0.011	0.000	0.001	03/19/2018	11:47
10	J1755-03		1	2.55	100	7.23	1.97	0.007	0.008	0.001	0.002	03/19/2018	11:48
11	J1756-05		1	2.54	100	7.05	1.85	0.032	0.032	0.000	0.001	03/19/2018	11:48
12	J1938-01		1	2.55	100	7.65	1.98	0.008	0.008	0.000	0.001	03/19/2018	11:49
13	J1938-01DUP		1	2.53	100	7.42	2.06	0.009	0.009	0.000	0.001	03/19/2018	11:49
14	J1938-01MSPre	40	2	2.52	100	7.32	2.03	0.013	0.353	0.340	0.443	03/19/2018	11:50
15	CCV2	0.5	1	100	100		1.67	0.000	0.387	0.387	0.504	03/19/2018	11:50
16	CCB2		1	100	100		2.15	0.000	0.000	0.000	0.001	03/19/2018	11:51
17	J1938-01MS2Ins	1284	40	2.52	100	7.08	1.98	0.003	0.613	0.610	0.794	03/19/2018	11:51
18	J1938-01MS3Post	40	2	2.51	100	7.10	1.97	0.014	0.359	0.345	0.449	03/19/2018	11:52
19	J1938-05		1	2.50	100	7.65	2.10	0.010	0.010	0.000	0.001	03/19/2018	11:52
20	J1938-09		1	2.54	100	7.45	2.05	0.017	0.017	0.000	0.001	03/19/2018	11:53
21	J1940-01		1	2.50	100	7.21	2.17	0.040	0.040	0.000	0.001	03/19/2018	11:53
22	J1945-01		1	2.52	100	7.52	2.08	0.010	0.017	0.007	0.010	03/19/2018	11:54
23	J1947-01		1	2.50	100	7.41	1.69	0.028	0.028	0.000	0.001	03/19/2018	11:54
24	J1947-03		1	2.51	100	7.65	1.89	0.014	0.014	0.000	0.001	03/19/2018	11:55
25	J1963-01		1	2.55	100	7.65	1.87	0.013	0.013	0.000	0.001	03/19/2018	11:55
26	CCV3	0.5	1	100	100		1.95	0.000	0.387	0.387	0.504	03/19/2018	11:56
27	CCB3		1	100	100		2.10	0.000	0.000	0.000	0.001	03/19/2018	11:56