CHEMTECH

Analytical Summary Report

Analysis Method: 7196A
Parameter: Hexavalent Chromium
Run Number: LB87465

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

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP54940
Calibration Std. hexchrome 0.05 ppm	WP54939
5N sulfuric acid	WP53540
Calibratation STD HexaChrome 1 PPM	WP54942
Calibratation STD Hexa Chrome 0.5 PPM	WP54941
calibration std. hexchrome 0.01 ppm	WP54937
calibration std. hexchrome 0 ppm	WP54936
Hexavalent Chromium ICV Std.	WP54943
Hexavalent Chromium CCV Std	WP54944
hexavalent chromium color reagent	WP54796
HNO3 Hex-Chrome, 5M	WP53205
Calibration std Hexachrome, 0.025ppm	WP54938

Intercept: 0.0001 **Slope:** 0.7807 **Regression:** 0.999955

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		2.10	0.000	0.000	0.000	05/15/2017	17:00
2	CAL2	0.01	1	100	100		1.91	0.000	0.007	0.007	05/15/2017	17:00
3	CAL3	0.025	1	100	100		1.57	0.000	0.017	0.017	05/15/2017	17:00
4	CAL4	0.05	1	100	100		2.39	0.000	0.039	0.039	05/15/2017	17:01
5	CAL5	0.1	1	100	100		2.44	0.000	0.079	0.079	05/15/2017	17:01
6	CAL6	0.5	1	100	100		2.27	0.000	0.396	0.396	05/15/2017	17:02
7	CAL7	1	1	100	100		1.83	0.000	0.778	0.778	05/15/2017	17:02

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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		1.75	0.000	0.388	0.388	0.497	05/15/2017	17:03
2	ICB		1	100	100		2.10	0.000	0.000	0.000	0.000	05/15/2017	17:03
3	CCV1	0.5	1	100	100		2.46	0.000	0.389	0.389	0.498	05/15/2017	17:04
4	CCB1		1	100	100		2.38	0.000	0.000	0.000	0.000	05/15/2017	17:04
5	PB98977BL		1	2.55	100	7.18	2.24	0.000	0.000	0.000	0.000	05/15/2017	17:05
6	PB98977BS	20	1	2.52	100	7.32	2.29	0.000	0.358	0.358	0.458	05/15/2017	17:05
7	I3120-01		1	2.50	100	7.89	2.17	0.028	0.028	0.000	0.000	05/15/2017	17:06
8	I3121-01		1	2.51	100	7.66	1.55	0.020	0.025	0.005	0.006	05/15/2017	17:06
9	I3122-01		1	2.50	100	7.38	2.04	0.007	0.007	0.000	0.000	05/15/2017	17:07
10	I3122-01DUP		1	2.51	100	7.56	1.63	0.008	0.008	0.000	0.000	05/15/2017	17:07
11	I3122-01MSPre	40	2	2.53	100	7.82	1.79	0.009	0.109	0.100	0.128	05/15/2017	17:08
12	I3122-01MS2Ins	1284	40	2.54	100	7.10	2.26	0.010	0.618	0.608	0.779	05/15/2017	17:08
13	I3122-01MS3Post	40	2	2.52	100	7.24	2.31	0.013	0.227	0.214	0.274	05/15/2017	17:09
14	I3124-01		1	2.51	100	7.61	2.20	0.001	0.001	0.000	0.000	05/15/2017	17:09
15	CCV2	0.5	1	100	100		1.70	0.000	0.389	0.389	0.498	05/15/2017	17:10
16	CCB2		1	100	100		1.83	0.000	0.000	0.000	0.000	05/15/2017	17:10
17	I3141-01		1	2.50	100	7.95	2.35	0.050	0.050	0.000	0.000	05/15/2017	17:11
18	I3144-01		1	2.53	100	7.50	2.47	0.035	0.035	0.000	0.000	05/15/2017	17:11
19	I3147-02		1	2.50	100	7.47	1.55	0.012	0.012	0.000	0.000	05/15/2017	17:12
20	I3147-04		1	2.55	100	7.44	1.69	0.013	0.014	0.001	0.001	05/15/2017	17:12
21	I3147-06		1	2.50	100	7.13	2.38	0.015	0.015	0.000	0.000	05/15/2017	17:13
22	I3167-01		1	2.54	100	7.23	2.27	0.019	0.020	0.001	0.001	05/15/2017	17:13
23	I3167-02		1	2.53	100	7.41	2.15	0.038	0.039	0.001	0.001	05/15/2017	17:14
24	CCV3	0.5	1	100	100		1.99	0.000	0.390	0.390	0.499	05/15/2017	17:14
25	CCB3		1	100	100		2.08	0.000	0.000	0.000	0.000	05/15/2017	17:15