CHEMTECH

Analytical Summary Report

Analysis Method: 7196A
Parameter: Hexavalent Chromium
Run Number: LB87585

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

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP55072
Calibration Std. hexchrome 0.05 ppm	WP55071
5N sulfuric acid	WP53540
Calibratation STD HexaChrome 1 PPM	WP55074
Calibratation STD Hexa Chrome 0.5 PPM	WP55073
calibration std. hexchrome 0.01 ppm	WP55069
calibration std. hexchrome 0 ppm	WP55066
Hexavalent Chromium ICV Std.	WP55075
Hexavalent Chromium CCV Std	WP55077
hexavalent chromium color reagent	WP54955
HNO3 Hex-Chrome, 5M	WP53205
Calibration std Hexachrome, 0.025ppm	WP55070

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		2.13	0.000	0.000	0.000	05/19/2017	09:00
2	CAL2	0.01	1	100	100		1.94	0.000	0.006	0.006	05/19/2017	09:00
3	CAL3	0.025	1	100	100		1.57	0.000	0.017	0.017	05/19/2017	09:01
4	CAL4	0.05	1	100	100		2.23	0.000	0.039	0.039	05/19/2017	09:01
5	CAL5	0.1	1	100	100		2.46	0.000	0.079	0.079	05/19/2017	09:02
6	CAL6	0.5	1	100	100		1.88	0.000	0.396	0.396	05/19/2017	09:02
7	CAL7	1	1	100	100		2.32	0.000	0.777	0.777	05/19/2017	09:03

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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		2.45	0.000	0.389	0.389	0.499	05/19/2017	09:03
2	ICB		1	100	100		2.13	0.000	0.000	0.000	0.000	05/19/2017	09:04
3	CCV1	0.5	1	100	100		1.90	0.000	0.389	0.389	0.499	05/19/2017	12:50
4	CCB1		1	100	100		2.05	0.000	0.000	0.000	0.000	05/19/2017	12:50
5	PB99108BL		1	2.52	100	7.41	1.87	0.000	0.000	0.000	0.000	05/19/2017	12:51
6	PB99108BS	20	1	2.55	100	7.61	2.44	0.000	0.356	0.356	0.456	05/19/2017	12:51
7	I3202-01		1	2.51	100	7.89	2.36	0.014	0.014	0.000	0.000	05/19/2017	12:52
8	I3202-02		1	2.50	100	7.10	2.25	0.008	0.009	0.001	0.001	05/19/2017	12:52
9	I3202-03		1	2.53	100	7.60	1.76	0.025	0.027	0.002	0.003	05/19/2017	12:53
10	I3202-04		1	2.54	100	7.41	1.54	0.012	0.013	0.001	0.001	05/19/2017	12:53
11	I3202-05		1	2.55	100	7.80	2.07	0.011	0.012	0.001	0.001	05/19/2017	12:54
12	I3202-06		1	2.53	100	7.71	2.19	0.031	0.032	0.001	0.001	05/19/2017	12:54
13	I3202-07		1	2.52	100	7.23	1.71	0.009	0.010	0.001	0.001	05/19/2017	12:55
14	I3202-08		1	2.54	100	7.66	1.93	0.013	0.014	0.001	0.001	05/19/2017	12:55
15	CCV2	0.5	1	100	100		2.30	0.000	0.390	0.390	0.500	05/19/2017	12:56
16	CCB2		1	100	100		2.23	0.000	0.000	0.000	0.000	05/19/2017	12:56
17	I3202-09		1	2.55	100	7.05	2.45	0.026	0.027	0.001	0.001	05/19/2017	12:57
18	I3202-10		1	2.54	100	7.32	2.20	0.010	0.010	0.000	0.000	05/19/2017	12:57
19	I3202-11		1	2.53	100	7.88	1.63	0.013	0.013	0.000	0.000	05/19/2017	12:58
20	I3227-01		1	2.50	100	7.73	1.59	0.015	0.015	0.000	0.000	05/19/2017	12:58
21	I3228-01		1	2.51	100	7.41	2.05	0.006	0.006	0.000	0.000	05/19/2017	12:59
22	I3228-01DUP		1	2.53	100	7.35	1.88	0.007	0.007	0.000	0.000	05/19/2017	12:59
23	I3228-01MSPre	40	2	2.54	100	7.14	2.37	0.007	0.072	0.065	0.083	05/19/2017	13:00
24	I3228-01MS2Ins	1284	40	2.50	100	7.90	2.17	0.008	0.606	0.598	0.767	05/19/2017	13:00
25	I3228-01MS3Post	40	2	2.53	100	7.12	2.38	0.007	0.095	0.088	0.113	05/22/2017	13:01
26	I3232-01		1	2.51	100	7.49	1.61	0.047	0.049	0.002	0.003	05/19/2017	13:01
27	CCV3	0.5	1	100	100		1.76	0.000	0.390	0.390	0.500	05/19/2017	13:02
28	CCB3		1	100	100		2.14	0.000	0.000	0.000	0.000	05/19/2017	13:02
29	I3235-01		1	2.55	100	7.58	2.28	0.055	0.057	0.002	0.003	05/19/2017	13:03
30	CCV4	0.5	1	100	100		1.80	0.000	0.391	0.391	0.501	05/19/2017	13:03
31	CCB4		1	100	100		2.01	0.000	0.000	0.000	0.000	05/19/2017	13:04