CHEMTECH

Analytical Summary Report

Analysis Method: 7196A
Parameter: Hexavalent Chromium
Run Number: LB88415

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

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP56015
Calibration Std. hexchrome 0.05 ppm	WP56014
5N sulfuric acid	WP55256
Calibratation STD HexaChrome 1 PPM	WP56019
Calibratation STD Hexa Chrome 0.5 PPM	WP56020
calibration std. hexchrome 0.01 ppm	WP56012
calibration std. hexchrome 0 ppm	WP56011
Hexavalent Chromium ICV Std.	WP56016
Hexavalent Chromium CCV Std	WP56017
hexavalent chromium color reagent	WP56010
HNO3 Hex-Chrome, 5M	WP55974
Calibration std Hexachrome, 0.025ppm	WP56013

Intercept: 0.0003 **Slope:** 0.7792 **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		2.10	0.000	0.000	0.000	06/28/2017	12:00
2	CAL2	0.01	1	100	100		1.66	0.000	0.008	0.008	06/28/2017	12:00
3	CAL3	0.025	1	100	100		2.46	0.000	0.017	0.017	06/28/2017	12:01
4	CAL4	0.05	1	100	100		2.30	0.000	0.039	0.039	06/28/2017	12:01
5	CAL5	0.1	1	100	100		1.69	0.000	0.078	0.078	06/28/2017	12:02
6	CAL6	0.5	1	100	100		2.21	0.000	0.397	0.397	06/28/2017	12:02
7	CAL7	1	1	100	100		1.97	0.000	0.776	0.776	06/28/2017	12:03

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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		2.05	0.000	0.390	0.390	0.500	06/28/2017	12:03
2	ICB		1	100	100		1.60	0.000	0.000	0.000	0.000	06/28/2017	12:04
3	CCV1	0.5	1	100	100		1.57	0.000	0.391	0.391	0.501	06/28/2017	13:20
4	CCB1		1	100	100		2.10	0.000	0.000	0.000	0.000	06/28/2017	13:20
5	PB100216BL		1	2.50	100	7.30	1.89	0.000	0.000	0.000	0.000	06/28/2017	13:21
6	PB100216BS	20	1	2.55	100	7.04	2.45	0.000	0.381	0.381	0.489	06/28/2017	13:21
7	I3883-01		1	2.54	100	7.86	2.20	0.010	0.010	0.000	0.000	06/28/2017	13:22
8	I3883-02		1	2.52	100	7.14	1.77	0.012	0.012	0.000	0.000	06/28/2017	13:22
9	I3883-03		1	2.55	100	7.20	1.63	0.007	0.007	0.000	0.000	06/28/2017	13:23
10	I3883-04		1	2.51	100	7.36	2.15	0.008	0.008	0.000	0.000	06/28/2017	13:23
11	I3883-05		1	2.54	100	7.49	2.30	0.011	0.011	0.000	0.000	06/28/2017	13:24
12	I3883-06		1	2.51	100	7.52	2.36	0.009	0.009	0.000	0.000	06/28/2017	13:24
13	I3883-07		1	2.50	100	7.39	1.90	0.013	0.014	0.001	0.001	06/28/2017	13:25
14	I3883-08		1	2.52	100	7.04	1.74	0.023	0.024	0.001	0.001	06/28/2017	13:25
15	CCV2	0.5	1	100	100		1.54	0.000	0.392	0.392	0.503	06/28/2017	13:26
16	CCB2		1	100	100		2.13	0.000	0.000	0.000	0.000	06/28/2017	13:26
17	I3883-09		1	2.55	100	7.46	1.80	0.009	0.009	0.000	0.000	06/28/2017	13:27
18	I3883-10		1	2.55	100	7.53	2.35	0.006	0.006	0.000	0.000	06/28/2017	13:27
19	I3883-10DUP		1	2.53	100	7.84	2.21	0.005	0.005	0.000	0.000	06/28/2017	13:28
20	I3883-10MSPre	40	2	2.50	100	7.70	1.63	0.006	0.039	0.033	0.042	06/28/2017	13:28
21	I3883-10MS2Ins	1284	40	2.53	100	7.39	2.41	0.007	0.605	0.598	0.767	06/28/2017	13:29
22	I3883-10MS3Post	40	2	2.50	100	7.22	2.03	0.007	0.050	0.043	0.055	06/28/2017	13:29
23	I3883-11		1	2.50	100	7.50	2.16	0.007	0.007	0.000	0.000	06/28/2017	13:30
24	I3883-12		1	2.51	100	7.75	2.28	0.008	0.008	0.000	0.000	06/28/2017	13:30
25	I3883-13		1	2.50	100	7.16	1.77	0.010	0.010	0.000	0.000	06/28/2017	13:31
26	I3883-14		1	2.52	100	7.66	1.52	0.007	0.007	0.000	0.000	06/28/2017	13:31
27	CCV3	0.5	1	100	100		2.33	0.000	0.393	0.393	0.504	06/28/2017	13:32
28	CCB3		1	100	100		1.91	0.000	0.000	0.000	0.000	06/28/2017	13:32
29	I3883-15		1	2.53	100	7.71	2.08	0.005	0.005	0.000	0.000	06/28/2017	13:33
30	I3883-16		1	2.51	100	7.16	1.67	0.008	0.008	0.000	0.000	06/28/2017	13:33
31	CCV4	0.5	1	100	100		2.25	0.000	0.393	0.393	0.504	06/28/2017	13:34
32	CCB4		1	100	100		2.40	0.000	0.000	0.000	0.000	06/28/2017	13:34