CHEMTECH

Analytical Summary Report

Analysis Method: 7196A
Parameter: Hexavalent Chromium
Run Number: LB91637

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

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP59675
Calibration Std. hexchrome 0.05 ppm	WP59674
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP59679
Calibratation STD Hexa Chrome 0.5 PPM	WP59678
calibration std. hexchrome 0.01 ppm	WP59669
calibration std. hexchrome 0 ppm	WP59667
Hexavalent Chromium ICV Std.	WP59681
Hexavalent Chromium CCV Std	WP59683
hexavalent chromium color reagent	WP59589
HNO3 Hex-Chrome, 5M	WP58774
Calibration std Hexachrome, 0.025ppm	WP59672

Intercept: -0.0001 **Slope:** 0.7749 **Regression:** 0.999922

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		2.36	0.000	0.000	0.000	11/16/2017	12:51
2	CAL2	0.01	1	100	100		2.01	0.000	0.006	0.006	11/16/2017	12:51
3	CAL3	0.025	1	100	100		1.59	0.000	0.018	0.018	11/16/2017	12:52
4	CAL4	0.05	1	100	100		1.94	0.000	0.037	0.037	11/16/2017	12:52
5	CAL5	0.1	1	100	100		2.42	0.000	0.078	0.078	11/16/2017	12:53
6	CAL6	0.5	1	100	100		1.80	0.000	0.395	0.395	11/16/2017	12:53
7	CAL7	1	1	100	100		2.20	0.000	0.771	0.771	11/16/2017	12:54

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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		2.00	0.000	0.390	0.390	0.503	11/16/2017	12:54
2	ICB		1	100	100		1.77	0.000	0.000	0.000	0.000	11/16/2017	12:55
3	CCV1	0.5	1	100	100		1.63	0.000	0.392	0.392	0.506	11/16/2017	12:55
4	CCB1		1	100	100		1.95	0.000	0.000	0.000	0.000	11/16/2017	12:56
5	PB104325BL		1	2.55	100	7.84	2.18	0.000	0.000	0.000	0.000	11/16/2017	12:56
6	PB104325BS	20	1	2.51	100	7.13	2.31	0.000	0.356	0.356	0.460	11/16/2017	12:57
7	I6309-01		1	2.53	100	7.55	2.47	0.041	0.041	0.000	0.000	11/16/2017	12:57
8	I6309-01DUP		1	2.50	100	7.69	1.81	0.040	0.040	0.000	0.000	11/16/2017	12:58
9	I6309-01MSPre	40	2	2.52	100	7.14	1.97	0.042	0.195	0.153	0.198	11/16/2017	12:58
10	I6309-01MS2Ins	1284	40	2.52	100	7.63	2.13	0.039	0.612	0.573	0.740	11/16/2017	12:59
11	I6309-01MS3Post	40	2	2.54	100	7.20	2.20	0.054	0.256	0.202	0.261	11/16/2017	12:59
12	I6466-01		1	2.55	100	7.69	1.72	0.013	0.014	0.001	0.001	11/16/2017	13:00
13	I6466-02		1	2.50	100	7.20	1.54	0.011	0.014	0.003	0.004	11/16/2017	13:00
14	I6466-03		1	2.50	100	7.11	2.34	0.050	0.050	0.000	0.000	11/16/2017	13:01
15	CCV2	0.5	1	100	100		2.40	0.000	0.392	0.392	0.506	11/16/2017	13:01
16	CCB2		1	100	100		1.78	0.000	0.000	0.000	0.000	11/16/2017	13:02
17	I6466-04		1	2.55	100	7.96	1.60	0.023	0.023	0.000	0.000	11/16/2017	13:02
18	I6466-05		1	2.54	100	7.34	2.36	0.058	0.058	0.000	0.000	11/16/2017	13:03
19	I6466-06		1	2.55	100	7.36	2.41	0.022	0.022	0.000	0.000	11/16/2017	13:03
20	I6466-07		1	2.54	100	7.40	1.98	0.017	0.017	0.000	0.000	11/16/2017	13:04
21	I6466-08		1	2.52	100	7.13	2.31	0.011	0.011	0.000	0.000	11/16/2017	13:04
22	I6466-09		1	2.54	100	7.28	1.55	0.210	0.211	0.001	0.001	11/16/2017	13:05
23	I6478-01		1	2.52	100	7.44	1.63	0.016	0.016	0.000	0.000	11/16/2017	13:05
24	I6478-03		1	2.50	100	7.53	1.94	0.008	0.008	0.000	0.000	11/16/2017	13:06
25	I6478-05		1	2.51	100	7.64	2.12	0.009	0.009	0.000	0.000	11/16/2017	13:06
26	I6478-07		1	2.51	100	7.70	2.24	0.010	0.010	0.000	0.000	11/16/2017	13:07
27	CCV3	0.5	1	100	100		1.77	0.000	0.393	0.393	0.507	11/16/2017	13:07
28	CCB3		1	100	100		1.98	0.000	0.000	0.000	0.000	11/16/2017	13:08