CHEMTECH

Analytical Summary Report

Analysis Method: 7196A
Parameter: Hexavalent Chromium
Run Number: LB89528

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

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP57302
Calibration Std. hexchrome 0.05 ppm	WP57301
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP57304
Calibratation STD Hexa Chrome 0.5 PPM	WP57303
calibration std. hexchrome 0.01 ppm	WP57299
calibration std. hexchrome 0 ppm	WP57309
Hexavalent Chromium ICV Std.	WP57305
Hexavalent Chromium CCV Std	WP57306
hexavalent chromium color reagent	WP57168
HNO3 Hex-Chrome, 5M	WP56413
Calibration std Hexachrome, 0.025ppm	WP57300

Intercept: -0.0003 **Slope:** 0.7815 **Regression:** 0.999942

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		0.000	0.000	0.000	0.000	08/16/2017	14:00
2	CAL2	0.01	1	100	100		2.34	0.000	0.006	0.006	08/16/2017	14:00
3	CAL3	0.025	1	100	100		1.96	0.000	0.017	0.017	08/16/2017	14:01
4	CAL4	0.05	1	100	100		2.15	0.000	0.039	0.039	08/16/2017	14:01
5	CAL5	0.1	1	100	100		1.69	0.000	0.078	0.078	08/16/2017	14:02
6	CAL6	0.5	1	100	100		1.77	0.000	0.397	0.397	08/16/2017	14:02
7	CAL7	1	1	100	100		2.10	0.000	0.778	0.778	08/16/2017	14:03

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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		2.35	0.000	0.392	0.392	0.502	08/16/2017	14:03
2	ICB		1	100	100		1.83	0.000	0.000	0.000	0.000	08/16/2017	14:04
3	CCV1	0.5	1	100	100		1.72	0.000	0.393	0.393	0.503	08/16/2017	14:04
4	CCB1		1	100	100		2.05	0.000	0.000	0.000	0.000	08/16/2017	14:05
5	PB101572BL		1	2.53	100	7.74	2.21	0.000	0.000	0.000	0.000	08/16/2017	14:05
6	PB101572BS	20	1	2.50	100	7.31	1.50	0.000	0.395	0.395	0.506	08/16/2017	14:06
7	I4793-01		1	2.54	100	7.26	2.30	0.026	0.026	0.000	0.000	08/16/2017	14:06
8	I4793-04		1	2.55	100	7.49	2.49	0.028	0.028	0.000	0.000	08/16/2017	14:07
9	I4793-07		1	2.53	100	7.58	1.78	0.053	0.054	0.001	0.002	08/16/2017	14:07
10	I4795-01		1	2.50	100	7.62	2.12	0.012	0.012	0.000	0.000	08/16/2017	14:08
11	I4795-01DUP		1	2.55	100	7.12	1.88	0.011	0.011	0.000	0.000	08/16/2017	14:08
12	I4795-01MSPre	40	2	2.52	100	7.44	2.09	0.014	0.378	0.364	0.466	08/16/2017	14:09
13	I4795-01MS2Ins	1284	40	2.54	100	7.69	1.63	0.011	0.643	0.632	0.809	08/16/2017	14:09
14	I4795-01MS3Post	40	2	2.50	100	7.35	2.19	0.015	0.387	0.372	0.476	08/16/2017	14:10
15	CCV2	0.5	1	100	100		2.36	0.000	0.393	0.393	0.503	08/16/2017	14:10
16	CCB2		1	100	100		2.28	0.000	0.000	0.000	0.000	08/16/2017	14:11
17	I4798-04		1	2.51	100	7.95	1.54	0.009	0.009	0.000	0.000	08/16/2017	14:11
18	I4799-01		1	2.50	100	7.92	1.79	0.034	0.034	0.000	0.000	08/16/2017	14:12
19	I4799-04		1	2.52	100	7.85	1.80	0.024	0.024	0.000	0.000	08/16/2017	14:12
20	I4814-01		1	2.50	100	7.31	2.24	0.078	0.079	0.001	0.002	08/16/2017	14:13
21	I4815-01		1	2.53	100	7.20	2.36	0.033	0.033	0.000	0.000	08/16/2017	14:13
22	I4815-04		1	2.55	100	7.46	1.90	0.039	0.039	0.000	0.000	08/16/2017	14:14
23	I4817-01		1	2.51	100	7.32	2.45	0.012	0.012	0.000	0.000	08/16/2017	14:14
24	I4821-01		1	2.53	100	7.91	1.61	0.018	0.019	0.001	0.002	08/16/2017	14:15
25	I4821-03		1	2.55	100	7.38	1.88	0.021	0.022	0.001	0.002	08/16/2017	14:15
26	I4825-01		1	2.52	100	7.41	2.14	0.029	0.030	0.001	0.002	08/16/2017	14:16
27	CCV3	0.5	1	100	100		2.31	0.000	0.394	0.394	0.505	08/16/2017	14:16
28	CCB3		1	100	100		1.59	0.000	0.000	0.000	0.000	08/16/2017	14:17