CHEMTECH

Analytical Summary Report

Analysis Method: 7196A
Parameter: Hexavalent Chromium
Run Number: LB87284

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

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP54711
Calibration Std. hexchrome 0.05 ppm	WP54710
5N sulfuric acid	WP53540
Calibratation STD HexaChrome 1 PPM	WP54713
Calibratation STD Hexa Chrome 0.5 PPM	WP54712
calibration std. hexchrome 0.01 ppm	WP54708
calibration std. hexchrome 0 ppm	WP54707
Hexavalent Chromium ICV Std.	WP54714
Hexavalent Chromium CCV Std	WP54715
hexavalent chromium color reagent	WP54603
HNO3 Hex-Chrome, 5M	WP53205
Calibration std Hexachrome, 0.025ppm	WP54709

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		2.33	0.000	0.000	0.000	05/05/2017	15:01
2	CAL2	0.01	1	100	100		1.70	0.000	0.007	0.007	05/05/2017	15:01
3	CAL3	0.025	1	100	100		1.58	0.000	0.017	0.017	05/05/2017	15:02
4	CAL4	0.05	1	100	100		2.04	0.000	0.039	0.039	05/05/2017	15:02
5	CAL5	0.1	1	100	100		2.46	0.000	0.079	0.079	05/05/2017	15:03
6	CAL6	0.5	1	100	100		2.29	0.000	0.396	0.396	05/05/2017	15:03
7	CAL7	1	1	100	100		2.31	0.000	0.778	0.778	05/05/2017	15:04

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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		2.31	0.000	0.392	0.392	0.502	05/05/2017	15:04
2	ICB		1	100	100		1.74	0.000	0.000	0.000	0.000	05/05/2017	15:05
3	CCV1	0.5	1	100	100		1.62	0.000	0.394	0.394	0.505	05/05/2017	15:05
4	CCB1		1	100	100		2.10	0.000	0.000	0.000	0.000	05/05/2017	15:06
5	PB98745BL		1	2.55	100	7.15	2.39	0.000	0.000	0.000	0.000	05/05/2017	15:06
6	PB98745BS	20	1	2.54	100	7.80	2.21	0.000	0.396	0.396	0.507	05/05/2017	15:07
7	I2969-01		1	2.51	100	7.33	2.27	0.008	0.009	0.001	0.001	05/05/2017	15:07
8	I2969-01DUP		1	2.53	100	7.46	1.96	0.010	0.011	0.001	0.001	05/05/2017	15:08
9	I2969-01MSPre	40	2	2.52	100	7.25	2.25	0.008	0.229	0.221	0.283	05/05/2017	15:08
10	I2969-01MS2Ins	1284	40	2.53	100	7.13	2.19	0.009	0.612	0.603	0.772	05/05/2017	15:09
11	I2969-01MS3Post	40	2	2.50	100	7.06	2.44	0.000	0.322	0.322	0.412	05/05/2017	15:09
12	I2969-11		1	2.52	100	7.19	1.88	0.012	0.013	0.001	0.001	05/05/2017	15:10
13	I2996-01		1	2.53	100	7.79	1.73	0.042	0.042	0.000	0.000	05/05/2017	15:10
14	I3004-01		1	2.55	100	7.83	1.68	0.009	0.026	0.017	0.022	05/05/2017	15:11
15	CCV2	0.5	1	100	100		2.45	0.000	0.394	0.394	0.505	05/05/2017	15:11
16	CCB2		1	100	100		2.30	0.000	0.000	0.000	0.000	05/05/2017	15:12
17	I3007-01		1	2.50	100	7.45	2.21	0.020	0.028	0.008	0.010	05/05/2017	15:12
18	CCV3	0.5	1	100	100		2.07	0.000	0.395	0.395	0.506	05/05/2017	15:13
19	CCB3		1	100	100		1.90	0.000	0.000	0.000	0.000	05/05/2017	15:13