CHEMTECH

Analytical Summary Report

Analysis Method: 7196A
Parameter: Hexavalent Chromium
Run Number: LB89290

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

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP56972
Calibration Std. hexchrome 0.05 ppm	WP56971
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP56974
Calibratation STD Hexa Chrome 0.5 PPM	WP56973
calibration std. hexchrome 0.01 ppm	WP56969
calibration std. hexchrome 0 ppm	WP56968
Hexavalent Chromium ICV Std.	WP56975
Hexavalent Chromium CCV Std	WP56976
hexavalent chromium color reagent	WP56891
HNO3 Hex-Chrome, 5M	WP56413
Calibration std Hexachrome, 0.025ppm	WP56970

Intercept: -0.0001 **Slope:** 0.7807 **Regression:** 0.999923

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		2.07	0.000	0.000	0.000	08/04/2017	15:10
2	CAL2	0.01	1	100	100		1.90	0.000	0.008	0.008	08/04/2017	15:10
3	CAL3	0.025	1	100	100		1.77	0.000	0.017	0.017	08/04/2017	15:11
4	CAL4	0.05	1	100	100		1.82	0.000	0.038	0.038	08/04/2017	15:11
5	CAL5	0.1	1	100	100		2.48	0.000	0.077	0.077	08/04/2017	15:12
6	CAL6	0.5	1	100	100		1.55	0.000	0.398	0.398	08/04/2017	15:12
7	CAL7	1	1	100	100		2.21	0.000	0.777	0.777	08/04/2017	15:13

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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		Absorbance Difference	Result	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		1.93	0.000	0.389	0.389	0.498	08/04/2017	15:13
2	ICB		1	100	100		2.45	0.000	0.000	0.000	0.000	08/04/2017	15:14
3	CCV1	0.5	1	100	100		1.66	0.000	0.390	0.390	0.500	08/04/2017	17:30
4	CCB1		1	100	100		1.58	0.000	0.000	0.000	0.000	08/04/2017	17:30
5	PB101290BL		1	2.53	100	7.28	2.26	0.000	0.000	0.000	0.000	08/04/2017	17:31
6	PB101290BS	20	1	2.54	100	7.20	1.74	0.000	0.390	0.390	0.500	08/04/2017	17:31
7	I4608-01		1	2.50	100	7.39	1.88	0.006	0.006	0.000	0.000	08/04/2017	17:32
8	I4608-01DUP		1	2.55	100	7.84	2.34	0.007	0.007	0.000	0.000	08/04/2017	17:32
9	I4608-01MSPre	40	2	2.51	100	7.66	2.28	0.009	0.376	0.367	0.470	08/04/2017	17:33
10	I4608-01MS2Ins	1284	40	2.50	100	7.31	2.19	0.006	0.631	0.625	0.801	08/04/2017	17:33
11	I4608-01MS3Post	40	2	2.53	100	7.04	1.66	0.011	0.383	0.372	0.477	08/04/2017	17:34
12	I4608-02		1	2.53	100	7.16	1.79	0.008	0.008	0.000	0.000	08/04/2017	17:34
13	I4608-03		1	2.50	100	7.31	1.54	0.010	0.010	0.000	0.000	08/04/2017	17:35
14	I4610-01		1	2.55	100	7.80	2.35	0.007	0.007	0.000	0.000	08/04/2017	17:35
15	CCV2	0.5	1	100	100		1.96	0.000	0.391	0.391	0.501	08/04/2017	17:36
16	CCB2		1	100	100		2.05	0.000	0.000	0.000	0.000	08/04/2017	17:36
17	I4610-04		1	2.51	100	7.67	2.08	0.014	0.014	0.000	0.000	08/04/2017	17:37
18	I4610-07		1	2.53	100	7.79	1.93	0.020	0.020	0.000	0.000	08/04/2017	17:37
19	I4610-10		1	2.55	100	7.13	2.23	0.017	0.018	0.001	0.001	08/04/2017	17:38
20	I4610-13		1	2.54	100	7.28	1.87	0.019	0.019	0.000	0.000	08/04/2017	17:38
21	I4611-01		1	2.50	100	7.61	1.88	0.016	0.016	0.000	0.000	08/04/2017	17:39
22	I4611-04		1	2.51	100	7.34	2.36	0.013	0.013	0.000	0.000	08/04/2017	17:39
23	I4611-07		1	2.52	100	7.60	2.15	0.018	0.018	0.000	0.000	08/04/2017	17:40
24	I4613-01		1	2.53	100	7.84	1.80	0.021	0.021	0.000	0.000	08/04/2017	17:40
25	I4625-01		1	2.55	100	7.29	1.71	0.095	0.096	0.001	0.001	08/04/2017	17:41
26	I4625-04		1	2.51	100	7.30	2.30	0.107	0.108	0.001	0.001	08/04/2017	17:41
27	CCV3	0.5	1	100	100		1.65	0.000	0.392	0.392	0.502	08/04/2017	17:42
28	CCB3		1	100	100		1.63	0.000	0.000	0.000	0.000	08/04/2017	17:42