CHEMTECH

Analytical Summary Report

Analysis Method: 7196A
Parameter: Hexavalent Chromium
Run Number: LB88829

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

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP56537
Calibration Std. hexchrome 0.05 ppm	WP56536
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP56539
Calibratation STD Hexa Chrome 0.5 PPM	WP56538
calibration std. hexchrome 0.01 ppm	WP56534
calibration std. hexchrome 0 ppm	WP56533
Hexavalent Chromium ICV Std.	WP56541
Hexavalent Chromium CCV Std	WP56542
hexavalent chromium color reagent	WP56540
HNO3 Hex-Chrome, 5M	WP56413
Calibration std Hexachrome, 0.025ppm	WP56535

Intercept: 0.0005 **Slope:** 0.7789 **Regression:** 0.999937

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		2.41	0.000	0.000	0.000	07/20/2017	13:00
2	CAL2	0.01	1	100	100		2.19	0.000	0.008	0.008	07/20/2017	13:00
3	CAL3	0.025	1	100	100		1.83	0.000	0.018	0.018	07/20/2017	13:01
4	CAL4	0.05	1	100	100		1.55	0.000	0.039	0.039	07/20/2017	13:01
5	CAL5	0.1	1	100	100		2.39	0.000	0.078	0.078	07/20/2017	13:02
6	CAL6	0.5	1	100	100		2.25	0.000	0.397	0.397	07/20/2017	13:02
7	CAL7	1	1	100	100		1.69	0.000	0.776	0.776	07/20/2017	13:03

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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		Absorbance Difference	Result	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		2.10	0.000	0.389	0.389	0.499	07/20/2017	13:03
2	ICB		1	100	100		1.60	0.000	0.000	0.000	-0.001	07/20/2017	13:04
3	CCV1	0.5	1	100	100		1.83	0.000	0.390	0.390	0.500	07/20/2017	13:04
4	CCB1		1	100	100		2.47	0.000	0.000	0.000	-0.001	07/20/2017	13:05
5	PB100802BL		1	2.51	100	7.55	1.59	0.000	0.000	0.000	-0.001	07/20/2017	13:05
6	PB100802BS	20	1	2.52	100	7.30	1.81	0.000	0.376	0.376	0.482	07/20/2017	13:06
7	I4250-01		1	2.50	100	7.12	2.39	0.020	0.020	0.000	-0.001	07/20/2017	13:06
8	I4250-01DUP		1	2.54	100	7.34	2.44	0.019	0.019	0.000	-0.001	07/20/2017	13:07
9	I4250-01MSPre	40	2	2.54	100	7.85	2.17	0.022	0.376	0.354	0.454	07/20/2017	13:07
10	I4250-01MS2Ins	1284	40	2.50	100	7.33	1.85	0.024	0.643	0.619	0.794	07/20/2017	13:08
11	I4250-01MS3Post	40	2	2.55	100	7.21	1.77	0.023	0.380	0.357	0.458	07/20/2017	13:08
12	I4254-01		1	2.51	100	7.55	2.36	0.018	0.031	0.013	0.016	07/20/2017	13:09
13	I4258-01		1	2.50	100	7.33	2.25	0.021	0.021	0.000	-0.001	07/20/2017	13:09
14	I4258-04		1	2.55	100	7.61	1.93	0.011	0.011	0.000	-0.001	07/20/2017	13:10
15	CCV2	0.5	1	100	100		1.74	0.000	0.390	0.390	0.500	07/20/2017	13:10
16	CCB2		1	100	100		2.36	0.000	0.000	0.000	-0.001	07/20/2017	13:11
17	I4258-07		1	2.51	100	7.55	1.92	0.008	0.008	0.000	-0.001	07/20/2017	13:11
18	I4265-01		1	2.52	100	7.10	2.40	0.010	0.010	0.000	-0.001	07/20/2017	13:12
19	I4272-01		1	2.53	100	7.19	2.19	0.016	0.016	0.000	-0.001	07/20/2017	13:12
20	I4276-01		1	2.50	100	7.31	1.93	0.031	0.032	0.001	0.001	07/20/2017	13:13
21	I4276-05		1	2.55	100	7.80	1.61	0.040	0.040	0.000	-0.001	07/20/2017	13:13
22	I4280-01		1	2.54	100	7.91	2.07	0.010	0.010	0.000	-0.001	07/20/2017	13:14
23	I4280-04		1	2.53	100	7.22	2.31	0.082	0.083	0.001	0.001	07/20/2017	13:14
24	I4280-07		1	2.50	100	7.36	1.72	0.024	0.024	0.000	-0.001	07/20/2017	13:15
25	I4280-10		1	2.51	100	7.44	2.08	0.014	0.014	0.000	-0.001	07/20/2017	13:15
26	I4282-01		1	2.55	100	7.60	2.31	0.035	0.035	0.000	-0.001	07/20/2017	13:16
27	CCV3	0.5	1	100	100		1.71	0.000	0.393	0.393	0.504	07/20/2017	13:16
28	CCB3		1	100	100		1.82	0.000	0.000	0.000	-0.001	07/20/2017	13:17
29	I4282-03		1	2.52	100	7.31	2.29	0.029	0.029	0.000	-0.001	07/20/2017	13:17
30	CCV4	0.5	1	100	100		1.73	0.000	0.393	0.393	0.504	07/20/2017	13:18
31	CCB4		1	100	100		2.11	0.000	0.000	0.000	-0.001	07/20/2017	13:18