CHEMTECH

Analytical Summary Report

Analysis Method: 7196A
Parameter: Hexavalent Chromium
Run Number: LB98067

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

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP67983
Calibration Std. hexchrome 0.05 ppm	WP67982
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP67985
Calibratation STD Hexa Chrome 0.5 PPM	WP67984
calibration std. hexchrome 0.01 ppm	WP67980
calibration std. hexchrome 0 ppm	WP67977
Hexavalent Chromium ICV Std.	WP67986
Hexavalent Chromium CCV Std	WP67987
hexavalent chromium color reagent	WP67819
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP67981

Intercept: 0.0006 **Slope:** 0.7713 **Regression:** 0.999977

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		2.10	0.000	0.000	0.000	09/20/2018	14:00
2	CAL2	0.01	1	100	100		1.86	0.000	0.008	0.008	09/20/2018	14:00
3	CAL3	0.025	1	100	100		2.30	0.000	0.018	0.018	09/20/2018	14:01
4	CAL4	0.05	1	100	100		2.06	0.000	0.039	0.039	09/20/2018	14:01
5	CAL5	0.1	1	100	100		1.63	0.000	0.079	0.079	09/20/2018	14:02
6	CAL6	0.5	1	100	100		1.98	0.000	0.390	0.390	09/20/2018	14:02
7	CAL7	1	1	100	100		1.74	0.000	0.770	0.770	09/20/2018	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		Absorbance Difference	Result	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		2.11	0.000	0.390	0.390	0.505	09/20/2018	14:03
2	ICB		1	100	100		1.63	0.000	0.000	0.000	-0.001	09/20/2018	14:04
3	CCV1	0.5	1	100	100		2.08	0.000	0.391	0.391	0.506	09/20/2018	14:04
4	CCB1		1	100	100		2.31	0.000	0.000	0.000	-0.001	09/20/2018	14:05
5	PB113075BL		1	2.52	100	7.33	2.25	0.000	0.000	0.000	-0.001	09/20/2018	14:05
6	PB113075BS	20	1	2.54	100	7.05	1.77	0.000	0.360	0.360	0.466	09/20/2018	14:06
7	J4771-03		1	2.50	100	7.66	1.69	0.056	0.056	0.000	-0.001	09/20/2018	14:06
8	J4778-01		1	2.51	100	7.22	2.03	0.015	0.025	0.010	0.012	09/20/2018	14:07
9	J4975-01		1	2.53	100	7.41	2.16	0.040	0.040	0.000	-0.001	09/20/2018	14:07
10	J4979-01		1	2.52	100	7.46	1.79	0.014	0.017	0.003	0.003	09/20/2018	14:08
11	J4987-01		1	2.50	100	7.51	1.65	0.010	0.015	0.005	0.006	09/20/2018	14:08
12	J4993-04		1	2.54	100	7.39	2.08	0.088	0.088	0.000	-0.001	09/20/2018	14:09
13	J5001-02		1	2.55	100	7.10	1.98	0.007	0.007	0.000	-0.001	09/20/2018	14:09
14	J5004-01		1	2.51	100	7.18	1.66	0.013	0.014	0.001	0.001	09/20/2018	14:10
15	CCV2	0.5	1	100	100		2.17	0.000	0.391	0.391	0.506	09/20/2018	14:10
16	CCB2		1	100	100		2.36	0.000	0.000	0.000	-0.001	09/20/2018	14:11
17	J5004-03		1	2.50	100	7.25	2.20	0.010	0.011	0.001	0.001	09/20/2018	14:11
18	J5004-03DUP		1	2.53	100	7.90	1.70	0.009	0.010	0.001	0.001	09/20/2018	14:12
19	J5004-03MSPre	40	2	2.55	100	7.81	1.61	0.011	0.350	0.339	0.439	09/20/2018	14:12
20	J5004-03MS2Ins	1284	40	2.55	100	7.66	2.05	0.008	0.577	0.569	0.737	09/20/2018	14:13
21	J5004-03MS3Post	40	2	2.55	100	7.43	1.87	0.013	0.354	0.341	0.441	09/20/2018	14:13
22	CCV3	0.5	1	100	100		1.62	0.000	0.391	0.391	0.506	09/20/2018	14:14
23	CCB3		1	100	100		2.15	0.000	0.000	0.000	-0.001	09/20/2018	14:14