CHEMTECH

Analytical Summary Report

Analysis Method: 7196A
Parameter: Hexavalent Chromium
Run Number: LB98766

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

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP68973
Calibration Std. hexchrome 0.05 ppm	WP68972
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP68975
Calibratation STD Hexa Chrome 0.5 PPM	WP68974
calibration std. hexchrome 0.01 ppm	WP68970
calibration std. hexchrome 0 ppm	WP68969
Hexavalent Chromium ICV Std.	WP68976
Hexavalent Chromium CCV Std	WP68977
hexavalent chromium color reagent	WP68966
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP68971

Intercept: 0.0002 **Slope:** 0.7701 **Regression:** 0.999967

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	10/22/2018	14:00
2	CAL2	0.01	1	100	100		1.88	0.000	0.008	0.008	10/22/2018	14:00
3	CAL3	0.025	1	100	100		1.72	0.000	0.017	0.017	10/22/2018	14:01
4	CAL4	0.05	1	100	100		1.66	0.000	0.039	0.039	10/22/2018	14:01
5	CAL5	0.1	1	100	100		2.07	0.000	0.077	0.077	10/22/2018	14:02
6	CAL6	0.5	1	100	100		2.33	0.000	0.390	0.390	10/22/2018	14:02
7	CAL7	1	1	100	100		1.72	0.000	0.768	0.768	10/22/2018	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		1.90	0.000	0.390	0.390	0.506	10/22/2018	14:03
2	ICB		1	100	100		1.81	0.000	0.000	0.000	0.000	10/22/2018	14:04
3	CCV1	0.5	1	100	100		2.23	0.000	0.391	0.391	0.507	10/22/2018	14:04
4	CCB1		1	100	100		2.45	0.000	0.000	0.000	0.000	10/22/2018	14:05
5	PB114075BL		1	2.55	100	7.23	1.63	0.000	0.000	0.000	0.000	10/22/2018	14:05
6	PB114075BS	20	1	2.53	100	7.48	2.47	0.000	0.380	0.380	0.493	10/22/2018	14:06
7	J5195-03		1	2.52	100	7.59	1.55	0.010	0.010	0.000	0.000	10/22/2018	14:06
8	J5195-05		1	2.51	100	7.66	1.98	0.013	0.013	0.000	0.000	10/22/2018	14:07
9	J5197-03		1	2.54	100	7.90	2.31	0.005	0.005	0.000	0.000	10/22/2018	14:07
10	J5197-03DUP		1	2.52	100	7.87	2.10	0.006	0.006	0.000	0.000	10/22/2018	14:08
11	J5197-03MSPre	40	2	2.55	100	7.10	1.97	0.007	0.361	0.354	0.459	10/22/2018	14:08
12	J5197-03MS2Ins	1284	40	2.55	100	7.13	1.74	0.004	0.592	0.588	0.763	10/22/2018	14:09
13	J5197-03MS3Post	40	2	2.55	100	7.25	1.86	0.009	0.365	0.356	0.462	10/22/2018	14:09
14	J5590-01		1	2.50	100	7.31	2.39	0.009	0.009	0.000	0.000	10/22/2018	14:10
15	CCV2	0.5	1	100	100		1.70	0.000	0.391	0.391	0.507	10/22/2018	14:10
16	CCB2		1	100	100		1.68	0.000	0.000	0.000	0.000	10/22/2018	14:11
17	J5590-05		1	2.54	100	7.40	2.16	0.017	0.017	0.000	0.000	10/22/2018	14:11
18	J5604-01		1	2.55	100	7.66	2.04	0.028	0.028	0.000	0.000	10/22/2018	14:12
19	J5604-03		1	2.50	100	7.73	1.93	0.034	0.034	0.000	0.000	10/22/2018	14:12
20	J5605-01		1	2.53	100	7.16	1.84	0.081	0.081	0.000	0.000	10/22/2018	14:13
21	J5605-07		1	2.54	100	7.24	2.31	0.014	0.014	0.000	0.000	10/22/2018	14:13
22	J5606-01		1	2.55	100	7.69	2.15	0.047	0.047	0.000	0.000	10/22/2018	14:14
23	CCV3	0.5	1	100	100		1.84	0.000	0.391	0.391	0.507	10/22/2018	14:14
24	CCB3		1	100	100		1.66	0.000	0.000	0.000	0.000	10/22/2018	14:15