CHEMTECH

Analytical Summary Report

Analysis Method: 7196A
Parameter: Hexavalent Chromium
Run Number: LB98642

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

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP68768
Calibration Std. hexchrome 0.05 ppm	WP68767
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP68770
Calibratation STD Hexa Chrome 0.5 PPM	WP68769
calibration std. hexchrome 0.01 ppm	WP68765
calibration std. hexchrome 0 ppm	WP68764
Hexavalent Chromium ICV Std.	WP68771
Hexavalent Chromium CCV Std	WP68710
hexavalent chromium color reagent	WP68747
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP68766

Intercept: 0 **Slope:** 0.772 **Regression:** 0.999974

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		2.14	0.000	0.000	0.000	10/16/2018	13:00
2	CAL2	0.01	1	100	100		2.45	0.000	0.007	0.007	10/16/2018	13:00
3	CAL3	0.025	1	100	100		1.53	0.000	0.017	0.017	10/16/2018	13:01
4	CAL4	0.05	1	100	100		1.89	0.000	0.039	0.039	10/16/2018	13:01
5	CAL5	0.1	1	100	100		2.31	0.000	0.078	0.078	10/16/2018	13:02
6	CAL6	0.5	1	100	100		2.44	0.000	0.390	0.390	10/16/2018	13:02
7	CAL7	1	1	100	100		1.96	0.000	0.770	0.770	10/16/2018	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		1.67	0.000	0.391	0.391	0.506	10/16/2018	13:03
2	ICB		1	100	100		1.73	0.000	0.000	0.000	0.000	10/16/2018	13:04
3	CCV1	0.5	1	100	100		2.13	0.000	0.391	0.391	0.506	10/16/2018	13:04
4	CCB1		1	100	100		2.22	0.000	0.000	0.000	0.000	10/16/2018	13:05
5	PB113894BL		1	2.54	100	7.25	2.45	0.000	0.000	0.000	0.000	10/16/2018	13:05
6	PB113894BS	20	1	2.55	100	7.86	1.93	0.000	0.379	0.379	0.491	10/16/2018	13:06
7	J5524-01		1	2.51	100	7.10	1.96	0.022	0.022	0.000	0.000	10/16/2018	13:06
8	J5524-05		1	2.51	100	7.29	2.25	0.015	0.015	0.000	0.000	10/16/2018	13:07
9	J5524-05DUP		1	2.52	100	7.31	2.31	0.013	0.013	0.000	0.000	10/16/2018	13:07
10	J5524-05MSPre	40	2	2.53	100	7.55	1.99	0.017	0.366	0.349	0.452	10/16/2018	13:08
11	J5524-05MS2Ins	1284	40	2.53	100	7.69	2.32	0.012	0.602	0.590	0.764	10/16/2018	13:08
12	J5524-05MS3Post	40	2	2.53	100	7.74	2.41	0.018	0.368	0.350	0.453	10/16/2018	13:09
13	J5526-10		1	2.54	100	7.20	2.10	0.033	0.033	0.000	0.000	10/16/2018	13:09
14	J5526-12		1	2.52	100	7.12	1.89	0.036	0.036	0.000	0.000	10/16/2018	13:10
15	CCV2	0.5	1	100	100		1.93	0.000	0.392	0.392	0.508	10/16/2018	13:10
16	CCB2		1	100	100		2.06	0.000	0.000	0.000	0.000	10/16/2018	13:11
17	J5526-14		1	2.55	100	7.18	2.16	0.028	0.028	0.000	0.000	10/16/2018	13:11
18	J5526-22		1	2.50	100	7.63	1.46	0.040	0.040	0.000	0.000	10/16/2018	13:12
19	J5526-24		1	2.52	100	7.71	2.47	0.027	0.027	0.000	0.000	10/16/2018	13:12
20	J5527-01		1	2.55	100	7.88	1.92	0.008	0.008	0.000	0.000	10/16/2018	13:13
21	J5529-01		1	2.54	100	7.90	1.74	0.120	0.120	0.000	0.000	10/16/2018	13:13
22	CCV3	0.5	1	100	100		2.05	0.000	0.392	0.392	0.508	10/16/2018	13:14
23	CCB3		1	100	100		2.30	0.000	0.000	0.000	0.000	10/16/2018	13:14