CHEMTECH

Analytical Summary Report

Analysis Method: 7196A
Parameter: Hexavalent Chromium
Run Number: LB103082

ANALYST: Aparna
SUPERVISOR REVIEW BY: apatel
pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP75087
Calibratation STD Hexa Chrome 0.5 PPM	WP75088
Calibration Std. hexchrome 0.1 ppm	WP75093
Calibration Std. hexchrome 0.05 ppm	WP75092
calibration std. hexchrome 0.01 ppm	WP75091
calibration std. hexchrome 0 ppm	WP75090
Hexavalent Chromium ICV Std.	WP75095
Hexavalent Chromium CCV Std	WP75094
hexavalent chromium color reagent	WP75026
5N sulfuric acid	WP74163
Calibration std Hexachrome, 0.025ppm	WP75089
HNO3 Hex-Chrome, 5M	WP74162

Intercept: 0.0009 **Slope:** 0.7706 **Regression:** 0.99998

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	05/30/2019	12:00
2	CAL2	0.01	1	100	100		2.35	0.000	0.008	0.008	05/30/2019	12:00
3	CAL3	0.025	1	100	100		2.15	0.000	0.018	0.018	05/30/2019	12:01
4	CAL4	0.05	1	100	100		1.85	0.000	0.040	0.040	05/30/2019	12:01
5	CAL5	0.1	1	100	100		2.20	0.000	0.080	0.080	05/30/2019	12:02
6	CAL6	0.5	1	100	100		1.99	0.000	0.389	0.389	05/30/2019	12:03
7	CAL7	1	1	100	100		2.16	0.000	0.770	0.770	05/30/2019	12:03

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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		1.65	0.000	0.398	0.398	0.515	05/30/2019	12:04
2	ICB		1	100	100		1.82	0.000	0.000	0.000	-0.001	05/30/2019	12:04
3	CCV1	0.5	1	100	100		1.65	0.000	0.400	0.400	0.518	05/30/2019	12:05
4	CCB1		1	100	100		2.10	0.000	0.000	0.000	-0.001	05/30/2019	12:06
5	PB120180BL		1	2.51	100	7.65	2.38	0.000	0.000	0.000	-0.001	05/30/2019	12:06
6	PB120180BS	20	1	2.50	100	7.23	2.45	0.008	0.377	0.369	0.478	05/30/2019	12:07
7	K2642-07		1	2.53	100	7.30	1.78	0.021	0.021	0.000	-0.001	05/30/2019	12:07
8	K2648-03		1	2.51	100	7.45	2.00	0.022	0.023	0.001	0.000	05/30/2019	12:08
9	K3055-01		1	2.50	100	7.56	1.87	0.024	0.025	0.001	0.000	05/30/2019	12:08
10	K3080-01		1	2.50	100	7.38	1.98	0.002	0.003	0.001	0.000	05/30/2019	12:09
11	K3090-03		1	2.54	100	7.18	2.01	0.007	0.007	0.000	-0.001	05/30/2019	12:09
12	K3090-03DUP		1	2.52	100	7.20	2.03	0.007	0.007	0.000	-0.001	05/30/2019	12:10
13	K3090-03MSPre	40	2	2.50	100	7.68	1.59	0.002	0.373	0.371	0.480	05/30/2019	12:10
14	K3090-03MS2Ins	1284	40	2.54	100	7.89	2.15	0.003	0.678	0.675	0.875	05/30/2019	12:11
15	CCV2	0.5	1	100	100		1.99	0.000	0.375	0.375	0.485	05/30/2019	12:11
16	CCB2		1	100	100		1.85	0.000	0.000	0.000	-0.001	05/30/2019	12:12
17	K3090-03MS3Post	40	2	2.53	100	7.10	2.13	0.005	0.408	0.403	0.522	05/30/2019	12:12
18	K3090-09		1	2.55	100	7.23	2.15	0.004	0.005	0.001	0.000	05/30/2019	12:13
19	CCV3	0.5	1	100	100		1.78	0.000	0.401	0.401	0.519	05/30/2019	12:13
20	CCB3		1	100	100		2.03	0.000	0.000	0.000	-0.001	05/30/2019	12:14