CHEMTECH

Analytical Summary Report

Analysis Method: 7196A
Parameter: Hexavalent Chromium
Run Number: LB105484

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

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP78556
Calibratation STD Hexa Chrome 0.5 PPM	WP78557
Calibration Std. hexchrome 0.1 ppm	WP78562
Calibration Std. hexchrome 0.05 ppm	WP78561
calibration std. hexchrome 0.01 ppm	WP78560
calibration std. hexchrome 0 ppm	WP78559
Hexavalent Chromium ICV Std.	WP78564
Hexavalent Chromium CCV Std	WP78563
Hexavalent Chromium LCS Std	WP78565
hexavalent chromium color reagent	WP78199
5N sulfuric acid	WP76600
Calibration std Hexachrome, 0.025ppm	WP78558

Intercept: -0.0006 **Slope:** 0.8019 **Regression:** 0.999996

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		1.56	0.000	0.000	0.000	10/03/2019	13:45
2	CAL2	0.01	1	100	100		1.56	0.000	0.008	0.008	10/03/2019	13:45
3	CAL3	0.025	1	100	100		1.65	0.000	0.020	0.020	10/03/2019	13:46
4	CAL4	0.05	1	100	100		2.05	0.000	0.039	0.039	10/03/2019	13:46
5	CAL5	0.1	1	100	100		1.56	0.000	0.079	0.079	10/03/2019	13:47
6	CAL6	0.5	1	100	100		2.01	0.000	0.399	0.399	10/03/2019	13:48
7	CAL7	1	1	100	100		1.56	0.000	0.802	0.802	10/03/2019	13:49

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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 Backgrnd	Absorb. at 540 Color	Absorbance Difference	Result	Anal Date	Anal Time
1	ICV	0.5	1	100	100		2.10	0.000	0.389	0.389	0.486	10/03/2019	13:50
2	ICB		1	100	100		2.10	0.000	0.000	0.000	0.001	10/03/2019	13:50
3	CCV1	0.5	1	100	100		2.05	0.000	0.375	0.375	0.468	10/03/2019	13:51
4	CCB1		1	100	100		1.56	0.000	0.000	0.000	0.001	10/03/2019	13:51
5	PB123620BL		1	2.52	100	7.12	1.56	0.000	0.000	0.000	0.001	10/03/2019	13:52
6	PB123620BS	20	1	2.50	100	7.15	2.05	0.000	0.378	0.378	0.472	10/03/2019	13:52
7	K5111-03		1	2.50	100	7.85	1.65	0.000	0.003	0.003	0.004	10/03/2019	13:53
8	K5140-01		1	2.51	100	7.50	1.65	0.013	0.013	0.000	0.001	10/03/2019	13:53
9	K5140-01DUP		1	2.50	100	7.15	2.10	0.013	0.013	0.000	0.001	10/03/2019	13:54
10	K5140-01MSPre	40	2	2.50	100	7.65	2.01	0.013	0.365	0.352	0.440	10/03/2019	13:55
11	K5140-01MS2Ins	1284	40	2.54	100	7.85	2.10	0.013	0.655	0.642	0.801	10/03/2019	13:55
12	K5140-01MS3Post	40	2	2.52	100	7.15	1.56	0.013	0.391	0.378	0.472	10/03/2019	13:56
13	K5143-01		1	2.55	100	7.12	1.60	0.022	0.022	0.000	0.001	10/03/2019	13:56
14	K5168-01		1	2.54	100	7.85	2.10	0.016	0.016	0.000	0.001	10/03/2019	13:57
15	CCV2	0.5	1	100	100		1.56	0.000	0.385	0.385	0.481	10/03/2019	13:58
16	CCB2		1	100	100		1.56	0.000	0.000	0.000	0.001	10/03/2019	13:58
17	K5168-02		1	2.54	100	7.50	2.05	0.018	0.018	0.000	0.001	10/03/2019	13:59
18	K5168-03		1	2.52	100	7.25	1.60	0.019	0.019	0.000	0.001	10/03/2019	13:59
19	K5168-04		1	2.54	100	7.50	2.10	0.014	0.014	0.000	0.001	10/03/2019	14:00
20	K5168-05		1	2.54	100	7.12	1.65	0.008	0.008	0.000	0.001	10/03/2019	14:00
21	K5168-06		1	2.54	100	7.12	2.10	0.016	0.016	0.000	0.001	10/03/2019	14:01
22	CCV3	0.5	1	100	100		2.10	0.000	0.381	0.381	0.476	10/03/2019	14:02
23	CCB3		1	100	100		1.60	0.000	0.000	0.000	0.001	10/03/2019	14:03