CHEMTECH

Analytical Summary Report

Analysis Method: 7196A
Parameter: Hexavalent Chromium
Run Number: LB102972

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

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP74963
Calibratation STD Hexa Chrome 0.5 PPM	WP74964
Calibration Std. hexchrome 0.1 ppm	WP74969
Calibration Std. hexchrome 0.05 ppm	WP74968
calibration std. hexchrome 0.01 ppm	WP74967
calibration std. hexchrome 0 ppm	WP74966
Hexavalent Chromium ICV Std.	WP74971
Hexavalent Chromium CCV Std	WP74970
Hexavalent Chromium LCS Std	WP74972
hexavalent chromium color reagent	WP75013
5N sulfuric acid	WP74163
Calibration std Hexachrome, 0.025ppm	WP74965

Intercept: 0.0001 **Slope:** 0.7716 **Regression:** 0.999971

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		1.65	0.000	0.000	0.000	05/24/2019	12:00
2	CAL2	0.01	1	100	100		2.13	0.000	0.007	0.007	05/24/2019	12:00
3	CAL3	0.025	1	100	100		2.08	0.000	0.016	0.016	05/24/2019	12:01
4	CAL4	0.05	1	100	100		2.25	0.000	0.040	0.040	05/24/2019	12:01
5	CAL5	0.1	1	100	100		2.15	0.000	0.079	0.079	05/24/2019	12:02
6	CAL6	0.5	1	100	100		2.18	0.000	0.389	0.389	05/24/2019	12:02
7	CAL7	1	1	100	100		1.60	0.000	0.770	0.770	05/24/2019	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		2.10	0.000	0.370	0.370	0.479	05/24/2019	12:03
2	ICB		1	100	100		1.60	0.000	0.000	0.000	0.000	05/24/2019	12:04
3	CCV1	0.5	1	100	100		1.56	0.000	0.375	0.375	0.486	05/24/2019	12:04
4	CCB1		1	100	100		1.59	0.000	0.000	0.000	0.000	05/24/2019	12:05
5	PB120030BL		1	2.50	100	7.25	2.01	0.000	0.000	0.000	0.000	05/24/2019	12:05
6	PB120030BS	20	1	2.50	100	7.15	2.13	0.003	0.363	0.360	0.466	05/24/2019	12:06
7	K2643-09		1	2.53	100	7.32	2.05	0.009	0.009	0.000	0.000	05/24/2019	12:06
8	K2643-11		1	2.51	100	7.14	2.18	0.021	0.021	0.000	0.000	05/24/2019	12:07
9	K3019-01		1	2.50	100	7.85	2.35	0.008	0.027	0.019	0.024	05/24/2019	12:07
10	K3019-01DUP		1	2.50	100	7.22	1.99	0.008	0.026	0.018	0.023	05/24/2019	12:08
11	K3019-01MSPre	40	2	2.54	100	7.35	2.03	0.007	0.350	0.343	0.444	05/24/2019	12:08
12	K3019-01MS2Ins	1284	40	2.52	100	7.16	1.89	0.003	0.679	0.676	0.876	05/24/2019	12:09
13	K3019-01MS3Post	40	2	2.54	100	7.18	2.05	0.011	0.433	0.422	0.547	05/24/2019	12:09
14	K3019-04		1	2.53	100	7.25	1.65	0.005	0.014	0.009	0.012	05/24/2019	12:10
15	CCV2	0.5	1	100	100		1.88	0.000	0.400	0.400	0.518	05/24/2019	12:10
16	CCB2		1	100	100		2.00	0.000	0.000	0.000	0.000	05/24/2019	12:11
17	K3019-07		1	2.50	100	7.50	1.89	0.019	0.019	0.000	0.000	05/24/2019	12:11
18	K3026-03		1	2.50	100	7.55	2.44	0.048	0.048	0.000	0.000	05/24/2019	12:12
19	K3026-07		1	2.54	100	7.36	1.88	0.163	0.163	0.000	0.000	05/24/2019	12:12
20	K3026-15		1	2.50	100	7.89	2.16	0.052	0.052	0.000	0.000	05/24/2019	12:13
21	CCV3	0.5	1	100	100		2.07	0.000	0.399	0.399	0.517	05/24/2019	12:13
22	CCB3		1	100	100		2.00	0.000	0.000	0.000	0.000	05/24/2019	12:14