



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Aparna

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB103122

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP74822
Calibratation STD Hexa Chrome 0.5 PPM	WP74823
Calibration Std. hexchrome 0.1 ppm	WP74828
Calibration Std. hexchrome 0.05 ppm	WP74827
calibration std. hexchrome 0.01 ppm	WP74826
calibration std. hexchrome 0 ppm	WP74825
Hexavalent Chromium ICV Std.	WP74830
Hexavalent Chromium CCV Std	WP74829
Hexavalent Chromium LCS Std	WP74831
hexavalent chromium color reagent	WP74810
5N sulfuric acid	WP74163
Calibration std Hexachrome, 0.025ppm	WP74824

Intercept: 0.0001

Slope: 0.7713

Regression: 0.999979

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		2.05	0.000	0.000	0.000	05/20/2019	14:04
2	CAL2	0.01	1	100	100		1.60	0.000	0.007	0.007	05/20/2019	14:04
3	CAL3	0.025	1	100	100		2.01	0.000	0.017	0.017	05/20/2019	14:05
4	CAL4	0.05	1	100	100		2.10	0.000	0.038	0.038	05/20/2019	14:05
5	CAL5	0.1	1	100	100		2.05	0.000	0.080	0.080	05/20/2019	14:06
6	CAL6	0.5	1	100	100		2.10	0.000	0.388	0.388	05/20/2019	14:06
7	CAL7	1	1	100	100		1.99	0.000	0.770	0.770	05/20/2019	14:07

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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		1.56	0.000	0.392	0.392	0.508	05/20/2019	14:07
2	ICB		1	100	100		2.01	0.000	0.000	0.000	0.000	05/20/2019	14:08
3	CCV1	0.5	1	100	100		2.10	0.000	0.390	0.390	0.506	05/20/2019	14:09
4	CCB1		1	100	100		2.13	0.000	0.000	0.000	0.000	05/20/2019	14:09
5	PB120133BL		1	2.51	100	7.12	2.20	0.000	0.000	0.000	0.000	05/20/2019	14:10
6	PB120133BS	20	1	2.50	100	7.65	1.56	0.004	0.355	0.351	0.455	05/20/2019	14:10
7	K2641-11		1	2.53	100	7.85	2.10	0.028	0.028	0.000	0.000	05/20/2019	14:11
8	K2647-09		1	2.51	100	7.67	2.35	0.008	0.008	0.000	0.000	05/20/2019	14:11
9	K2647-09DUP		1	2.52	100	7.63	2.01	0.008	0.008	0.000	0.000	05/20/2019	14:11
10	K2647-09MSPre	40	2	2.50	100	7.86	1.70	0.008	0.385	0.377	0.489	05/20/2019	14:12
11	K2647-09MS2Ins	1284	40	2.50	100	7.85	1.76	0.003	0.670	0.667	0.865	05/20/2019	14:12
12	K2647-09MS3Post	40	2	2.54	100	7.23	1.80	0.008	0.389	0.381	0.494	05/20/2019	14:13
13	K2909-02		1	2.52	100	7.36	2.05	0.130	0.130	0.000	0.000	05/20/2019	14:13
14	K2909-03		1	2.52	100	7.20	2.13	0.202	0.202	0.000	0.000	05/20/2019	14:14
15	CCV2	0.5	1	100	100		2.35	0.000	0.406	0.406	0.526	05/20/2019	14:15
16	CCB2		1	100	100		1.66	0.000	0.000	0.000	0.000	05/20/2019	14:15
17	K2913-03		1	2.50	100	7.56	2.11	0.015	0.015	0.000	0.000	05/20/2019	14:15
18	K2922-01		1	2.50	100	7.89	2.46	0.120	0.120	0.000	0.000	05/20/2019	14:16
19	K2922-05		1	2.50	100	7.32	2.45	0.076	0.076	0.000	0.000	05/20/2019	14:16
20	CCV3	0.5	1	100	100		1.88	0.000	0.410	0.410	0.531	05/20/2019	14:17
21	CCB3		1	100	100		1.65	0.000	0.000	0.000	0.000	05/20/2019	14:17