

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Aparna

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB102937

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP74938
Calibratation STD Hexa Chrome 0.5 PPM	WP74939
Calibration Std. hexchrome 0.1 ppm	WP74944
Calibration Std. hexchrome 0.05 ppm	WP74943
calibration std. hexchrome 0.01 ppm	WP74942
calibration std. hexchrome 0 ppm	WP74941
Hexavalent Chromium ICV Std.	WP74946
Hexavalent Chromium CCV Std	WP74945
Hexavalent Chromium LCS Std	WP74947
hexavalent chromium color reagent	WP74810
5N sulfuric acid	WP74163
Calibration std Hexachrome, 0.025ppm	WP74940

Intercept: 0.0005

Slope: 0.772

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	05/23/2019	13:00
2	CAL2	0.01	1	100	100		1.80	0.000	0.008	0.008	05/23/2019	13:01
3	CAL3	0.025	1	100	100		2.10	0.000	0.017	0.017	05/23/2019	13:01
4	CAL4	0.05	1	100	100		2.15	0.000	0.039	0.039	05/23/2019	13:02
5	CAL5	0.1	1	100	100		1.70	0.000	0.080	0.080	05/23/2019	13:02
6	CAL6	0.5	1	100	100		1.98	0.000	0.389	0.389	05/23/2019	13:03
7	CAL7	1	1	100	100		1.78	0.000	0.771	0.771	05/23/2019	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		2.13	0.000	0.395	0.395	0.511	05/23/2019	13:04
2	ICB		1	100	100		2.00	0.000	0.000	0.000	-0.001	05/23/2019	13:04
3	CCV1	0.5	1	100	100		2.33	0.000	0.389	0.389	0.503	05/23/2019	13:05
4	CCB1		1	100	100		2.12	0.000	0.000	0.000	-0.001	05/23/2019	13:05
5	PB119989BL		1	2.51	100	7.85	1.78	0.000	0.000	0.000	-0.001	05/23/2019	13:06
6	PB119989BS	20	1	2.53	100	7.85	2.14	0.007	0.346	0.339	0.438	05/23/2019	13:06
7	K2647-11		1	2.53	100	7.25	1.90	0.010	0.010	0.000	-0.001	05/23/2019	13:07
8	K2647-13		1	2.51	100	7.12	2.01	0.026	0.026	0.000	-0.001	05/23/2019	13:07
9	K2993-16		1	2.50	100	7.25	2.11	0.009	0.012	0.003	0.003	05/23/2019	13:08
10	K2993-17		1	2.50	100	7.18	1.89	0.009	0.009	0.000	-0.001	05/23/2019	13:08
11	K2993-17DUP		1	2.54	100	7.36	2.09	0.009	0.009	0.000	-0.001	05/23/2019	13:09
12	K2993-17MSPre	40	2	2.52	100	7.20	2.03	0.007	0.426	0.419	0.542	05/23/2019	13:09
13	K2993-17MS2Ins	1284	40	2.55	100	7.19	2.05	0.004	0.701	0.697	0.902	05/23/2019	13:10
14	K2993-17MS3Post	40	2	2.50	100	7.56	2.13	0.007	0.375	0.368	0.476	05/23/2019	13:10
15	CCV2	0.5	1	100	100		1.99	0.000	0.400	0.400	0.517	05/23/2019	13:11
16	CCB2		1	100	100		2.03	0.000	0.000	0.000	-0.001	05/23/2019	13:11
17	K2993-18		1	2.51	100	7.45	2.15	0.005	0.021	0.016	0.020	05/23/2019	13:12
18	K2994-03		1	2.50	100	7.56	1.99	0.027	0.030	0.003	0.003	05/23/2019	13:12
19	K2994-07		1	2.54	100	7.80	2.03	0.082	0.082	0.000	-0.001	05/23/2019	13:13
20	K2994-15		1	2.54	100	7.25	2.07	0.015	0.015	0.000	-0.001	05/23/2019	13:13
21	K2998-01		1	2.52	100	7.26	2.01	0.014	0.014	0.000	-0.001	05/23/2019	13:14
22	K3002-01		1	2.50	100	7.95	1.90	0.010	0.010	0.000	-0.001	05/23/2019	13:14
23	K3002-02		1	2.54	100	7.13	2.00	0.013	0.014	0.001	0.001	05/23/2019	13:15
24	K3002-03		1	2.53	100	7.49	1.63	0.015	0.015	0.000	-0.001	05/23/2019	13:15
25	CCV3	0.5	1	100	100		2.08	0.000	0.402	0.402	0.520	05/23/2019	13:16
26	CCB3		1	100	100		1.89	0.000	0.000	0.000	-0.001	05/23/2019	13:16