

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Aparna

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB103133

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibration STD HexaChrome 1 PPM	WP75119
Calibration STD Hexa Chrome 0.5 PPM	WP75120
Calibration Std. hexchrome 0.1 ppm	WP75125
Calibration Std. hexchrome 0.05 ppm	WP75124
calibration std. hexchrome 0.01 ppm	WP75123
calibration std. hexchrome 0 ppm	WP75122
Hexavalent Chromium ICV Std.	WP75127
Hexavalent Chromium CCV Std	WP75126
hexavalent chromium color reagent	WP75026
5N sulfuric acid	WP74163
Calibration std Hexachrome, 0.025ppm	WP75121
HNO3 Hex-Chrome, 5M	WP74162

Intercept: 0.001

Slope: 0.7709

Regression: 0.999974

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	05/31/2019	14:00
2	CAL2	0.01	1	100	100		1.65	0.000	0.008	0.008	05/31/2019	14:00
3	CAL3	0.025	1	100	100		2.05	0.000	0.018	0.018	05/31/2019	14:01
4	CAL4	0.05	1	100	100		1.65	0.000	0.040	0.040	05/31/2019	14:01
5	CAL5	0.1	1	100	100		1.80	0.000	0.080	0.080	05/31/2019	14:02
6	CAL6	0.5	1	100	100		1.50	0.000	0.390	0.390	05/31/2019	14:02
7	CAL7	1	1	100	100		2.16	0.000	0.770	0.770	05/31/2019	14:03

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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		2.03	0.000	0.389	0.389	0.503	05/31/2019	14:03
2	ICB		1	100	100		1.99	0.000	0.000	0.000	-0.001	05/31/2019	14:04
3	CCV1	0.5	1	100	100		2.16	0.000	0.375	0.375	0.485	05/31/2019	14:04
4	CCB1		1	100	100		2.13	0.000	0.000	0.000	-0.001	05/31/2019	14:05
5	PB120226BL		1	2.50	100	7.25	2.01	0.000	0.000	0.000	-0.001	05/31/2019	14:05
6	PB120226BS	20	1	2.50	100	7.13	2.32	0.001	0.347	0.346	0.448	05/31/2019	14:06
7	K2639-05		1	2.53	100	7.12	2.30	0.020	0.020	0.000	-0.001	05/31/2019	14:06
8	K2639-07		1	2.51	100	7.50	2.18	0.026	0.026	0.000	-0.001	05/31/2019	14:07
9	K3104-10		1	2.50	100	7.50	1.70	0.0114	0.0114	0.000	-0.001	05/31/2019	14:07
10	K3105-01		1	2.50	100	7.15	1.99	0.015	0.015	0.000	-0.001	05/31/2019	14:08
11	K3105-03		1	2.54	100	7.25	2.00	0.005	0.065	0.060	0.077	05/31/2019	14:08
12	K3105-05		1	2.52	100	7.35	1.85	0.018	0.018	0.000	-0.001	05/31/2019	14:09
13	K3105-07		1	2.50	100	7.56	1.78	0.060	0.060	0.000	-0.001	05/31/2019	14:09
14	K3105-09		1	2.53	100	7.80	1.92	0.016	0.016	0.000	-0.001	05/31/2019	14:10
15	CCV2	0.5	1	100	100		2.06	0.000	0.397	0.397	0.514	05/31/2019	14:10
16	CCB2		1	100	100		2.01	0.000	0.000	0.000	-0.001	05/31/2019	14:11
17	K3108-01		1	2.50	100	7.33	1.88	0.019	0.020	0.001	0.000	05/31/2019	14:11
18	K3109-01		1	2.50	100	7.20	1.59	0.001	0.009	0.008	0.009	05/31/2019	14:12
19	K3110-01		1	2.51	100	7.16	2.03	0.014	0.015	0.001	0.000	05/31/2019	14:12
20	K3110-01DUP		1	2.53	100	7.36	2.12	0.014	0.015	0.001	0.000	05/31/2019	14:13
21	K3110-01MSPre	40	2	2.52	100	7.44	2.13	0.014	0.400	0.386	0.499	05/31/2019	14:13
22	K3110-01MS2Ins	1284	40	2.52	100	7.50	2.45	0.003	0.678	0.675	0.874	05/31/2019	14:14
23	K3110-01MS3Post	40	2	2.55	100	7.55	2.33	0.009	0.400	0.391	0.506	05/31/2019	14:14
24	K3111-01		1	2.51	100	7.25	1.58	0.009	0.010	0.001	0.000	05/31/2019	14:15
25	K3124-05		1	2.55	100	7.23	1.65	0.015	0.015	0.000	-0.001	05/31/2019	14:15
26	K3124-09		1	2.55	100	7.36	1.76	0.002	0.002	0.000	-0.001	05/31/2019	14:16
27	CCV3	0.5	1	100	100		1.98	0.000	0.385	0.385	0.498	05/31/2019	14:16
28	CCB3		1	100	100		2.05	0.000	0.000	0.000	-0.001	05/31/2019	14:17