



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Aparna

Parameter: Hexavalent Chromiu

SUPERVISOR REVIEW BY: apatel

Run Number: LB102368

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP74140
Calibratation STD Hexa Chrome 0.5 PPM	WP74141
Calibration Std. hexchrome 0.1 ppm	WP74146
Calibration Std. hexchrome 0.05 ppm	WP74145
calibration std. hexchrome 0.01 ppm	WP74144
calibration std. hexchrome 0 ppm	WP74143
Hexavalent Chromium ICV Std.	WP74148
Hexavalent Chromium CCV Std	WP74147
hexavalent chromium color reagent	WP74120
5N sulfuric acid	WP70044
Calibration std Hexachrome, 0.025ppm	WP74142
HNO3 Hex-Chrome, 5M	WP70045

Intercept: 0

Slope: 0.7709

Regression: 0.999988

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	04/26/2019	10:00
2	CAL2	0.01	1	100	100		1.86	0.000	0.007	0.007	04/26/2019	10:00
3	CAL3	0.025	1	100	100		1.58	0.000	0.017	0.017	04/26/2019	10:01
4	CAL4	0.05	1	100	100		1.66	0.000	0.039	0.039	04/26/2019	10:01
5	CAL5	0.1	1	100	100		1.60	0.000	0.079	0.079	04/26/2019	10:02
6	CAL6	0.5	1	100	100		2.10	0.000	0.387	0.387	04/26/2019	10:02
7	CAL7	1	1	100	100		1.75	0.000	0.770	0.770	04/26/2019	10:03

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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		1.56	0.000	0.390	0.390	0.506	04/26/2019	10:03
2	ICB		1	100	100		1.60	0.000	0.000	0.000	0.000	04/26/2019	10:04
3	CCV1	0.5	1	100	100		1.65	0.000	0.389	0.389	0.505	04/26/2019	10:04
4	CCB1		1	100	100		2.10	0.000	0.000	0.000	0.000	04/26/2019	10:05
5	PB119243BL		1	2.50	100	7.85	1.55	0.000	0.000	0.000	0.000	04/26/2019	10:05
6	PB119243BS	20	1	2.50	100	7.30	1.60	0.000	0.375	0.375	0.486	04/26/2019	10:06
7	K2198-07		1	2.53	100	7.12	1.70	0.018	0.018	0.000	0.000	04/26/2019	10:07
8	K2198-07DUP		1	2.51	100	7.25	1.72	0.017	0.017	0.000	0.000	04/26/2019	10:07
9	K2198-07MSPre	40	2	2.50	100	7.15	1.59	0.016	0.368	0.352	0.457	04/26/2019	10:08
10	K2198-07MS2Ins	1284	40	2.54	100	7.16	2.05	0.015	0.676	0.661	0.857	04/26/2019	10:08
11	K2198-07MS3Post	40	2	2.54	100	7.13	2.13	0.019	0.376	0.357	0.463	04/26/2019	10:09
12	K2475-01		1	2.52	100	7.20	2.10	0.026	0.105	0.079	0.102	04/26/2019	10:10
13	K2475-03		1	2.51	100	7.25	2.45	0.018	0.018	0.000	0.000	04/26/2019	10:10
14	K2475-05		1	2.53	100	7.35	1.60	0.012	0.012	0.000	0.000	04/26/2019	10:11
15	CCV2	0.5	1	100	100		1.65	0.000	0.361	0.361	0.468	04/26/2019	10:11
16	CCB2		1	100	100		2.10	0.000	0.000	0.000	0.000	04/26/2019	10:12
17	K2475-07		1	2.54	100	7.15	2.03	0.009	0.009	0.000	0.000	04/26/2019	10:12
18	K2540-01		1	2.55	100	7.23	1.65	0.010	0.010	0.000	0.000	04/26/2019	10:13
19	K2540-03		1	2.52	100	7.54	1.73	0.012	0.012	0.000	0.000	04/26/2019	10:13
20	K2544-01		1	2.54	100	7.30	1.75	0.031	0.031	0.000	0.000	04/26/2019	10:14
21	K2553-01		1	2.55	100	7.45	1.85	0.017	0.017	0.000	0.000	04/26/2019	10:15
22	K2553-04		1	2.54	100	7.13	2.08	0.015	0.015	0.000	0.000	04/26/2019	10:15
23	K2554-01		1	2.52	100	7.15	1.65	0.016	0.016	0.000	0.000	04/26/2019	10:16
24	K2564-01		1	2.55	100	7.30	1.63	0.022	0.022	0.000	0.000	04/26/2019	10:16
25	K2564-02		1	2.51	100	7.18	1.85	0.024	0.024	0.000	0.000	04/26/2019	10:17
26	K2564-03		1	2.55	100	7.65	1.85	0.018	0.018	0.000	0.000	04/26/2019	10:18
27	CCV3	0.5	1	100	100		1.65	0.000	0.390	0.390	0.506	04/26/2019	10:18
28	CCB3		1	100	100		1.98	0.000	0.000	0.000	0.000	04/26/2019	10:19