

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Aparna

Parameter: Hexavalent Chromiu

SUPERVISOR REVIEW BY: AMANDEEP

Run Number: LB102342

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP74095
Calibratation STD Hexa Chrome 0.5 PPM	WP74096
Calibration Std. hexchrome 0.1 ppm	WP74101
Calibration Std. hexchrome 0.05 ppm	WP74100
calibration std. hexchrome 0.01 ppm	WP74099
calibration std. hexchrome 0 ppm	WP74098
Hexavalent Chromium ICV Std.	WP74103
Hexavalent Chromium CCV Std	WP74102
hexavalent chromium color reagent	WP74120
5N sulfuric acid	WP70044
Calibration std Hexachrome, 0.025ppm	WP74097
HNO3 Hex-Chrome, 5M	WP70045

Intercept: 0.0006

Slope: 0.7713

Regression: 0.999977

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		1.53	0.000	0.000	0.000	04/25/2019	11:20
2	CAL2	0.01	1	100	100		1.80	0.000	0.008	0.008	04/25/2019	11:20
3	CAL3	0.025	1	100	100		2.30	0.000	0.018	0.018	04/25/2019	11:21
4	CAL4	0.05	1	100	100		1.99	0.000	0.039	0.039	04/25/2019	11:21
5	CAL5	0.1	1	100	100		1.58	0.000	0.079	0.079	04/25/2019	11:22
6	CAL6	0.5	1	100	100		1.85	0.000	0.390	0.390	04/25/2019	11:22
7	CAL7	1	1	100	100		2.35	0.000	0.770	0.770	04/25/2019	11:23

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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		1.65	0.000	0.390	0.390	0.505	04/25/2019	11:23
2	ICB		1	100	100		1.90	0.000	0.000	0.000	-0.001	04/25/2019	11:24
3	CCV1	0.5	1	100	100		2.10	0.000	0.391	0.391	0.506	04/25/2019	11:24
4	CCB1		1	100	100		2.15	0.000	0.000	0.000	-0.001	04/25/2019	11:25
5	PB119207BL		1	2.51	100	7.85	2.00	0.000	0.000	0.000	-0.001	04/25/2019	11:25
6	PB119207BS	20	1	2.51	100	7.65	2.13	0.000	0.376	0.376	0.487	04/25/2019	11:26
7	K2200-07		1	2.53	100	7.85	2.32	0.060	0.060	0.000	-0.001	04/25/2019	11:27
8	K2200-07DUP		1	2.51	100	7.30	2.45	0.059	0.059	0.000	-0.001	04/25/2019	11:27
9	K2200-07MSPre	40	2	2.50	100	7.20	1.86	0.057	0.116	0.059	0.076	04/25/2019	11:28
10	K2200-07MS2Ins	1284	40	2.50	100	7.35	1.56	0.055	0.669	0.614	0.795	04/25/2019	11:28
11	K2200-07MS3Post	40	2	2.54	100	7.36	1.82	0.059	0.195	0.136	0.176	04/25/2019	11:28
12	K2200-09		1	2.52	100	7.28	1.65	0.030	0.030	0.000	-0.001	04/25/2019	11:29
13	K2200-11		1	2.51	100	7.23	1.90	0.038	0.038	0.000	-0.001	04/25/2019	11:30
14	K2203-17		1	2.55	100	7.25	2.08	0.074	0.074	0.000	-0.001	04/25/2019	11:30
15	CCV2	0.5	1	100	100		2.35	0.000	0.390	0.390	0.505	04/25/2019	11:32
16	CCB2		1	100	100		2.00	0.000	0.000	0.000	-0.001	04/25/2019	11:32
17	K2203-19		1	2.50	100	7.12	2.01	0.041	0.041	0.000	-0.001	04/25/2019	11:33
18	K2539-01		1	2.53	100	7.35	1.50	0.017	0.017	0.000	-0.001	04/25/2019	11:33
19	K2539-03		1	2.54	100	7.25	1.56	0.008	0.008	0.000	-0.001	04/25/2019	11:34
20	K2542-03		1	2.50	100	7.12	1.55	0.042	0.042	0.000	-0.001	04/25/2019	11:35
21	K2542-07		1	2.52	100	7.54	1.65	0.025	0.025	0.000	-0.001	04/25/2019	11:35
22	K2542-11		1	2.55	100	7.50	2.10	0.022	0.022	0.000	-0.001	04/25/2019	11:36
23	K2542-15		1	2.53	100	7.36	2.16	0.036	0.036	0.000	-0.001	04/25/2019	11:36
24	K2542-19		1	2.55	100	7.40	2.03	0.049	0.049	0.000	-0.001	04/25/2019	11:37
25	CCV3	0.5	1	100	100		2.52	0.000	0.389	0.389	0.504	04/25/2019	11:37
26	CCB3		1	100	100		1.85	0.000	0.000	0.000	-0.001	04/25/2019	11:38