

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB106512

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP80154
Calibratation STD Hexa Chrome 0.5 PPM	WP80155
Calibration Std. hexchrome 0.1 ppm	WP80160
Calibration Std. hexchrome 0.05 ppm	WP80159
calibration std. hexchrome 0.01 ppm	WP80158
calibration std. hexchrome 0 ppm	WP80157
Hexavalent Chromium ICV Std.	WP80162
Hexavalent Chromium CCV Std	WP80161
Hexavalent Chromium LCS Std	WP80163
hexavalent chromium color reagent	WP80055
5N sulfuric acid	WP79628
Calibration std Hexachrome, 0.025ppm	WP80156

Intercept: -0.0016

Slope: 0.8038

Regression: 0.999994

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	11/27/2019	10:50
2	CAL2	0.01	1	100	100		2.03	0.000	0.007	0.007	11/27/2019	10:50
3	CAL3	0.025	1	100	100		2.07	0.000	0.018	0.018	11/27/2019	10:51
4	CAL4	0.05	1	100	100		2.04	0.001	0.038	0.037	11/27/2019	10:51
5	CAL5	0.1	1	100	100		2.09	0.000	0.078	0.078	11/27/2019	10:52
6	CAL6	0.5	1	100	100		1.98	0.000	0.401	0.401	11/27/2019	10:52
7	CAL7	1	1	100	100		1.89	0.000	0.802	0.802	11/27/2019	10:53

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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		2.06	0.000	0.386	0.386	0.482	11/27/2019	10:54
2	ICB		1	100	100		2.09	0.000	0.000	0.000	0.002	11/27/2019	10:54
3	CCV1	0.5	1	100	100		2.01	0.000	0.378	0.378	0.472	11/27/2019	10:55
4	CCB1		1	100	100		1.98	0.000	0.000	0.000	0.002	11/27/2019	10:55
5	PB125083BL		1	2.50	100	7.22	2.06	0.000	0.000	0.000	0.002	11/27/2019	10:56
6	PB125083BS	20	1	2.52	100	7.08	2.07	0.000	0.364	0.364	0.455	11/27/2019	10:56
7	K5667-01		1	2.50	100	7.16	1.96	0.062	0.064	0.002	0.004	11/27/2019	10:57
8	K5667-01DUP		1	2.53	100	7.03	2.07	0.063	0.064	0.001	0.003	11/27/2019	10:57
9	K5667-01MSPre	40	2	2.52	100	7.04	1.98	0.060	0.329	0.269	0.337	11/27/2019	10:58
10	K5667-01MS2Ins	1284	40	2.53	100	7.05	1.94	0.062	0.655	0.593	0.740	11/27/2019	10:58
11	K5667-01MS3Post	40	2	2.50	100	7.14	2.06	0.061	0.369	0.308	0.385	11/27/2019	10:59
12	K6001-03		1	2.51	100	7.06	2.07	0.093	0.094	0.001	0.003	11/27/2019	10:59
13	K6013-01		1	2.55	100	7.13	1.95	0.060	0.101	0.041	0.053	11/27/2019	11:02
14	K6021-01		1	2.52	100	7.26	2.06	0.013	0.014	0.001	0.003	11/27/2019	11:02
15	CCV2	0.5	1	100	100		1.98	0.000	0.384	0.384	0.480	11/27/2019	11:03
16	CCB2		1	100	100		1.94	0.000	0.000	0.000	0.002	11/27/2019	11:03
17	K6021-04		1	2.53	100	7.23	2.07	0.016	0.017	0.001	0.003	11/27/2019	11:04
18	K6021-05		1	2.50	100	7.42	2.03	0.045	0.047	0.002	0.004	11/27/2019	11:04
19	K6021-06		1	2.55	100	7.15	1.97	0.050	0.051	0.001	0.003	11/27/2019	11:05
20	K6022-03		1	2.50	100	7.09	1.93	0.020	0.021	0.001	0.003	11/27/2019	11:05
21	K6022-07		1	2.51	100	7.05	2.04	0.035	0.037	0.002	0.004	11/27/2019	11:06
22	K6022-11		1	2.53	100	7.14	2.01	0.020	0.022	0.002	0.004	11/27/2019	11:06
23	K6022-15		1	2.51	100	7.09	1.96	0.013	0.014	0.001	0.003	11/27/2019	11:07
24	CCV3	0.5	1	100	100		2.06	0.000	0.381	0.381	0.476	11/27/2019	11:07
25	CCB3		1	100	100		2.04	0.000	0.000	0.000	0.002	11/27/2019	11:08