

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB106586

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP80263
Calibratation STD Hexa Chrome 0.5 PPM	WP80264
Calibration Std. hexchrome 0.1 ppm	WP80269
Calibration Std. hexchrome 0.05 ppm	WP80268
calibration std. hexchrome 0.01 ppm	WP80267
calibration std. hexchrome 0 ppm	WP80266
Hexavalent Chromium ICV Std.	WP80271
Hexavalent Chromium CCV Std	WP80270
Hexavalent Chromium LCS Std	WP80272
hexavalent chromium color reagent	WP80217
5N sulfuric acid	WP79628
Calibration std Hexachrome, 0.025ppm	WP80265

Intercept: -0.0015

Slope: 0.8069

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	12/04/2019	13:15
2	CAL2	0.01	1	100	100		1.98	0.000	0.007	0.007	12/04/2019	13:16
3	CAL3	0.025	1	100	100		1.89	0.000	0.018	0.018	12/04/2019	13:17
4	CAL4	0.05	1	100	100		1.85	0.000	0.038	0.038	12/04/2019	13:18
5	CAL5	0.1	1	100	100		1.97	0.000	0.078	0.078	12/04/2019	13:19
6	CAL6	0.5	1	100	100		2.06	0.000	0.403	0.403	12/04/2019	13:20
7	CAL7	1	1	100	100		2.03	0.000	0.805	0.805	12/04/2019	13:21

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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		2.02	0.000	0.415	0.415	0.516	12/04/2019	13:22
2	ICB		1	100	100		1.98	0.000	0.000	0.000	0.002	12/04/2019	13:23
3	CCV1	0.5	1	100	100		1.94	0.000	0.410	0.410	0.510	12/04/2019	13:24
4	CCB1		1	100	100		2.09	0.000	0.000	0.000	0.002	12/04/2019	13:25
5	PB125237BL		1	2.50	100	7.15	2.07	0.000	0.000	0.000	0.002	12/04/2019	13:26
6	PB125237BS	20	1	2.52	100	7.42	1.97	0.000	0.355	0.355	0.442	12/04/2019	13:27
7	K6100-01		1	2.50	100	7.23	2.06	0.020	0.022	0.002	0.004	12/04/2019	13:28
8	K6100-01DUP		1	2.53	100	7.26	2.04	0.019	0.021	0.002	0.004	12/04/2019	13:28
9	K6100-01MSPre	40	2	2.52	100	7.22	1.94	0.018	0.330	0.312	0.389	12/04/2019	13:29
10	K6100-01MS2Ins	1284	40	2.50	100	7.16	1.96	0.019	0.648	0.629	0.781	12/04/2019	13:29
11	K6100-01MS3Post	40	2	2.54	100	7.06	2.07	0.019	0.388	0.369	0.459	12/04/2019	13:30
12	K6100-03		1	2.52	100	7.03	2.09	0.094	0.096	0.002	0.004	12/04/2019	13:30
13	K6119-01		1	2.51	100	7.05	1.96	0.012	0.014	0.002	0.004	12/04/2019	13:31
14	K6119-03		1	2.53	100	7.10	2.07	0.017	0.019	0.002	0.004	12/04/2019	13:31
15	CCV2	0.5	1	100	100		2.07	0.000	0.402	0.402	0.500	12/04/2019	13:32
16	CCB2		1	100	100		1.96	0.000	0.000	0.000	0.002	12/04/2019	13:32
17	K6119-05		1	2.52	100	7.02	1.94	0.010	0.012	0.002	0.004	12/04/2019	13:33
18	K6119-07		1	2.51	100	7.04	2.06	0.011	0.012	0.001	0.003	12/04/2019	13:33
19	K6119-09		1	2.53	100	7.09	1.97	0.033	0.035	0.002	0.004	12/04/2019	13:34
20	K6119-11		1	2.52	100	7.07	1.99	0.012	0.013	0.001	0.003	12/04/2019	13:34
21	K6120-01		1	2.50	100	7.05	2.04	0.012	0.013	0.001	0.003	12/04/2019	13:35
22	K6120-03		1	2.52	100	7.04	2.10	0.055	0.056	0.001	0.003	12/04/2019	13:35
23	K6120-05		1	2.53	100	7.02	2.06	0.021	0.023	0.002	0.004	12/04/2019	13:36
24	K6120-07		1	2.51	100	7.01	1.95	0.050	0.052	0.002	0.004	12/04/2019	13:36
25	CCV3	0.5	1	100	100		1.93	0.000	0.407	0.407	0.506	12/04/2019	13:37
26	CCB3		1	100	100		2.08	0.000	0.000	0.000	0.002	12/04/2019	13:37