

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB106457

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP80085
Calibratation STD Hexa Chrome 0.5 PPM	WP80086
Calibration Std. hexchrome 0.1 ppm	WP80091
Calibration Std. hexchrome 0.05 ppm	WP80090
calibration std. hexchrome 0.01 ppm	WP80089
calibration std. hexchrome 0 ppm	WP80088
Hexavalent Chromium ICV Std.	WP80093
Hexavalent Chromium CCV Std	WP80092
Hexavalent Chromium LCS Std	WP80094
hexavalent chromium color reagent	WP80055
5N sulfuric acid	WP79628
Calibration std Hexachrome, 0.025ppm	WP80087

Intercept: -0.0011

Slope: 0.8032

Regression: 0.999996

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	11/25/2019	11:10
2	CAL2	0.01	1	100	100		1.69	0.000	0.008	0.008	11/25/2019	11:11
3	CAL3	0.025	1	100	100		1.98	0.000	0.018	0.018	11/25/2019	11:12
4	CAL4	0.05	1	100	100		1.89	0.001	0.039	0.038	11/25/2019	11:13
5	CAL5	0.1	1	100	100		1.89	0.000	0.079	0.079	11/25/2019	11:14
6	CAL6	0.5	1	100	100		1.98	0.000	0.401	0.401	11/25/2019	11:15
7	CAL7	1	1	100	100		2.07	0.000	0.802	0.802	11/25/2019	11:16

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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	0.382	0.382	0.477	11/25/2019	11:17
2	ICB		1	100	100		2.06	0.000	0.000	0.000	0.001	11/25/2019	11:18
3	CCV1	0.5	1	100	100		2.04	0.000	0.400	0.400	0.499	11/25/2019	11:19
4	CCB1		1	100	100		1.98	0.000	0.000	0.000	0.001	11/25/2019	11:20
5	PB125070BL		1	2.51	100	7.16	1.95	0.000	0.000	0.000	0.001	11/25/2019	11:21
6	PB125070BS	20	1	2.50	100	7.22	2.04	0.000	0.356	0.356	0.445	11/25/2019	11:22
7	K5663-01		1	2.53	100	7.26	1.97	0.022	0.024	0.002	0.004	11/25/2019	11:23
8	K5663-01DUP		1	2.53	100	7.23	2.03	0.023	0.024	0.001	0.003	11/25/2019	11:23
9	K5663-01MSPre	40	2	2.52	100	7.42	2.04	0.023	0.092	0.069	0.087	11/25/2019	11:24
10	K5663-01MS2Ins	1284	40	2.50	100	7.15	1.96	0.024	0.660	0.636	0.793	11/25/2019	11:25
11	K5663-01MS3Post	40	2	2.50	100	7.09	1.98	0.022	0.240	0.218	0.273	11/25/2019	11:25
12	K5672-01		1	2.51	100	7.06	2.03	0.010	0.011	0.001	0.003	11/25/2019	11:26
13	K5676-31		1	2.52	100	7.04	1.93	0.019	0.020	0.001	0.003	11/25/2019	11:27
14	K5999-01		1	2.53	100	7.10	2.04	0.006	0.008	0.002	0.004	11/25/2019	11:28
15	CCV2	0.5	1	100	100		2.07	0.000	0.401	0.401	0.501	11/25/2019	11:29
16	CCB2		1	100	100		1.94	0.000	0.000	0.000	0.001	11/25/2019	11:29
17	K5999-02		1	2.51	100	7.08	1.96	0.014	0.014	0.000	0.001	11/25/2019	11:30
18	K5999-03		1	2.52	100	7.03	1.96	0.023	0.024	0.001	0.003	11/25/2019	11:31
19	K5999-04		1	2.54	100	7.07	2.03	0.015	0.017	0.002	0.004	11/25/2019	11:32
20	K5999-05		1	2.50	100	7.05	2.04	0.024	0.025	0.001	0.003	11/25/2019	11:33
21	K5999-06		1	2.55	100	7.14	1.94	0.008	0.009	0.001	0.003	11/25/2019	11:34
22	K5999-07		1	2.53	100	7.06	1.97	0.009	0.009	0.000	0.001	11/25/2019	11:35
23	CCV3	0.5	1	100	100		2.04	0.000	0.399	0.399	0.498	11/25/2019	11:36
24	CCB3		1	100	100		2.01	0.000	0.000	0.000	0.001	11/25/2019	11:37