

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB106196

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP79720
Calibratation STD Hexa Chrome 0.5 PPM	WP79721
Calibration Std. hexchrome 0.1 ppm	WP79726
Calibration Std. hexchrome 0.05 ppm	WP79725
calibration std. hexchrome 0.01 ppm	WP79724
calibration std. hexchrome 0 ppm	WP79723
Hexavalent Chromium ICV Std.	WP79728
Hexavalent Chromium CCV Std	WP79727
Hexavalent Chromium LCS Std	WP79729
hexavalent chromium color reagent	WP79627
5N sulfuric acid	WP79628
Calibration std Hexachrome, 0.025ppm	WP79722

Intercept: -0.0015

Slope: 0.7986

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	11/11/2019	13:02
2	CAL2	0.01	1	100	100		1.56	0.000	0.007	0.007	11/11/2019	13:02
3	CAL3	0.025	1	100	100		1.60	0.000	0.018	0.018	11/11/2019	13:04
4	CAL4	0.05	1	100	100		1.60	0.000	0.038	0.038	11/11/2019	13:04
5	CAL5	0.1	1	100	100		1.60	0.000	0.078	0.078	11/11/2019	13:05
6	CAL6	0.5	1	100	100		1.56	0.000	0.396	0.396	11/11/2019	13:05
7	CAL7	1	1	100	100		2.05	0.000	0.798	0.798	11/11/2019	13:06

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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	0.382	0.382	0.480	11/11/2019	13:06
2	ICB		1	100	100		2.10	0.000	0.000	0.000	0.002	11/11/2019	13:07
3	CCV1	0.5	1	100	100		1.60	0.000	0.378	0.378	0.475	11/11/2019	13:07
4	CCB1		1	100	100		2.05	0.000	0.000	0.000	0.002	11/11/2019	13:08
5	PB124683BL		1	2.52	100	7.12	1.65	0.000	0.000	0.000	0.002	11/11/2019	13:08
6	PB124683BS	20	1	2.50	100	7.15	2.01	0.000	0.375	0.375	0.471	11/11/2019	13:09
7	K5673-01		1	2.50	100	7.50	2.05	0.009	0.009	0.000	0.002	11/11/2019	13:10
8	K5673-01DUP		1	2.53	100	7.85	1.56	0.009	0.009	0.000	0.002	11/11/2019	13:10
9	K5673-01MSPre	40	2	2.52	100	7.25	1.60	0.009	0.279	0.270	0.340	11/11/2019	13:12
10	K5673-01MS2Ins	1284	40	2.53	100	7.65	1.65	0.009	0.660	0.651	0.817	11/11/2019	13:12
11	K5673-01MS3Post	40	2	2.50	100	7.12	1.89	0.009	0.327	0.318	0.400	11/11/2019	13:14
12	K5676-11		1	2.50	100	7.15	2.01	0.023	0.023	0.000	0.002	11/11/2019	13:15
13	K5749-01		1	2.51	100	7.50	1.65	0.022	0.022	0.000	0.002	11/11/2019	13:15
14	K5760-02		1	2.52	100	7.13	2.01	0.022	0.022	0.000	0.002	11/11/2019	13:16
15	CCV2	0.5	1	100	100		1.89	0.000	0.377	0.377	0.474	11/11/2019	13:16
16	CCB2		1	100	100		1.56	0.000	0.000	0.000	0.002	11/11/2019	13:17
17	K5760-07		1	2.53	100	7.20	1.65	0.011	0.011	0.000	0.002	11/11/2019	13:17
18	K5760-12		1	2.52	100	7.14	1.60	0.013	0.013	0.000	0.002	11/11/2019	13:18
19	K5763-03		1	2.54	100	7.25	2.10	0.008	0.008	0.000	0.002	11/11/2019	13:18
20	K5763-07		1	2.50	100	7.25	1.89	0.015	0.015	0.000	0.002	11/11/2019	13:19
21	K5763-11		1	2.51	100	7.65	2.05	0.019	0.019	0.000	0.002	11/11/2019	13:20
22	K5778-03		1	2.53	100	7.15	1.56	0.015	0.015	0.000	0.002	11/11/2019	13:21
23	K5778-07		1	2.51	100	7.52	2.05	0.018	0.018	0.000	0.002	11/11/2019	13:21
24	K5782-05		1	2.50	100	7.15	1.70	0.016	0.016	0.000	0.002	11/11/2019	13:22
25	CCV3	0.5	1	100	100		1.60	0.000	0.375	0.375	0.471	11/11/2019	13:22
26	CCB3		1	100	100		1.60	0.000	0.000	0.000	0.002	11/11/2019	13:23