

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB106161

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP79657
Calibratation STD Hexa Chrome 0.5 PPM	WP79658
Calibration Std. hexchrome 0.1 ppm	WP79662
Calibration Std. hexchrome 0.05 ppm	WP79661
calibration std. hexchrome 0.01 ppm	WP79660
calibration std. hexchrome 0 ppm	WP79648
Hexavalent Chromium ICV Std.	WP79664
Hexavalent Chromium CCV Std	WP79663
Hexavalent Chromium LCS Std	WP79665
hexavalent chromium color reagent	WP79627
5N sulfuric acid	WP79628
Calibration std Hexachrome, 0.025ppm	WP79659

Intercept: -0.0017

Slope: 0.7991

Regression: 0.999987

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	11/07/2019	12:35
2	CAL2	0.01	1	100	100		1.69	0.000	0.007	0.007	11/07/2019	12:35
3	CAL3	0.025	1	100	100		1.98	0.000	0.018	0.018	11/07/2019	12:36
4	CAL4	0.05	1	100	100		1.89	0.000	0.038	0.038	11/07/2019	12:36
5	CAL5	0.1	1	100	100		1.89	0.000	0.078	0.078	11/07/2019	12:37
6	CAL6	0.5	1	100	100		1.75	0.000	0.395	0.395	11/07/2019	12:37
7	CAL7	1	1	100	100		1.85	0.000	0.799	0.799	11/07/2019	12:38

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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		2.10	0.000	0.380	0.380	0.478	11/07/2019	12:38
2	ICB		1	100	100		1.69	0.000	0.000	0.000	0.002	11/07/2019	12:39
3	CCV1	0.5	1	100	100		1.69	0.000	0.378	0.378	0.475	11/07/2019	15:36
4	CCB1		1	100	100		1.89	0.000	0.000	0.000	0.002	11/07/2019	15:36
5	PB124614BL		1	2.50	100	7.16	1.75	0.000	0.000	0.000	0.002	11/07/2019	15:37
6	PB124614BS	20	1	2.52	100	7.22	1.85	0.000	0.376	0.376	0.473	11/07/2019	15:37
7	K5722-08		1	2.55	100	7.26	1.98	0.036	0.037	0.001	0.003	11/07/2019	15:38
8	K5722-08DUP		1	2.53	100	7.23	1.98	0.036	0.037	0.001	0.003	11/07/2019	15:38
9	K5722-08MSPre	40	2	2.52	100	7.15	2.10	0.036	0.390	0.354	0.445	11/07/2019	15:39
10	K5722-08MS2Ins	1284	40	2.53	100	7.42	2.10	0.016	0.662	0.646	0.811	11/07/2019	15:39
11	K5722-08MS3Post	40	2	2.50	100	7.20	1.69	0.036	0.412	0.376	0.473	11/07/2019	15:40
12	K5722-09		1	2.51	100	7.25	1.69	0.015	0.015	0.000	0.002	11/07/2019	15:40
13	K5722-10		1	2.55	100	7.30	1.75	0.016	0.016	0.000	0.002	11/07/2019	15:41
14	K5722-11		1	2.52	100	7.26	1.98	0.015	0.015	0.000	0.002	11/07/2019	15:41
15	CCV2	0.5	1	100	100		1.75	0.000	0.374	0.374	0.470	11/07/2019	15:42
16	CCB2		1	100	100		1.85	0.000	0.000	0.000	0.002	11/07/2019	15:42
17	K5722-12		1	2.53	100	7.22	1.98	0.011	0.011	0.000	0.002	11/07/2019	15:43
18	K5722-13		1	2.50	100	7.16	1.98	0.019	0.019	0.000	0.002	11/07/2019	15:43
19	K5722-14		1	2.55	100	7.42	1.75	0.017	0.017	0.000	0.002	11/07/2019	15:44
20	K5722-15		1	2.50	100	7.23	2.13	0.036	0.036	0.000	0.002	11/07/2019	15:44
21	K5722-16		1	2.51	100	7.24	2.05	0.030	0.030	0.000	0.002	11/07/2019	15:45
22	K5722-17		1	2.53	100	7.23	2.03	0.028	0.028	0.000	0.002	11/07/2019	15:45
23	K5722-18		1	2.51	100	7.21	2.11	0.036	0.036	0.000	0.002	11/07/2019	15:46
24	K5722-19		1	2.50	100	7.23	2.06	0.024	0.024	0.000	0.002	11/07/2019	15:46
25	K5722-20		1	2.52	100	7.16	2.10	0.019	0.019	0.000	0.002	11/07/2019	15:47
26	CCV3	0.5	1	100	100		2.13	0.000	0.373	0.373	0.469	11/07/2019	15:47
27	CCB3		1	100	100		2.05	0.000	0.000	0.000	0.002	11/07/2019	15:48