

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Aparna

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB100826

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP71677
Calibration Std. hexchrome 0.05 ppm	WP71676
5N sulfuric acid	WP70044
Calibratation STD HexaChrome 1 PPM	WP71671
Calibratation STD Hexa Chrome 0.5 PPM	WP71672
calibration std. hexchrome 0.01 ppm	WP71675
calibration std. hexchrome 0 ppm	WP71674
Hexavalent Chromium ICV Std.	WP71679
Hexavalent Chromium CCV Std	WP71678
hexavalent chromium color reagent	WP71527
HNO3 Hex-Chrome, 5M	WP70045
Calibration std Hexachrome, 0.025ppm	WP71673

Intercept: 0.0006

Slope: 0.7713

Regression: 0.999977

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	02/14/2019	10:00
2	CAL2	0.01	1	100	100		2.25	0.000	0.008	0.008	02/14/2019	10:00
3	CAL3	0.025	1	100	100		2.31	0.000	0.018	0.018	02/14/2019	10:01
4	CAL4	0.05	1	100	100		2.10	0.000	0.039	0.039	02/14/2019	10:01
5	CAL5	0.1	1	100	100		2.35	0.000	0.079	0.079	02/14/2019	10:02
6	CAL6	0.5	1	100	100		1.99	0.000	0.390	0.390	02/14/2019	10:02
7	CAL7	1	1	100	100		1.60	0.000	0.770	0.770	02/14/2019	10:03

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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		1.60	0.000	0.390	0.390	0.505	02/14/2019	10:03
2	ICB		1	100	100		1.55	0.000	0.000	0.000	-0.001	02/14/2019	10:04
3	CCV1	0.5	1	100	100		1.90	0.000	0.389	0.389	0.504	02/14/2019	10:04
4	CCB1		1	100	100		1.65	0.000	0.000	0.000	-0.001	02/14/2019	10:05
5	PB117106BL		1	2.50	100	7.80	1.89	0.000	0.000	0.000	-0.001	02/14/2019	10:05
6	PB117106BS	20	1	2.50	100	7.60	1.64	0.004	0.380	0.376	0.487	02/14/2019	10:06
7	K1349-05		1	2.53	100	7.58	1.99	0.013	0.013	0.000	-0.001	02/14/2019	10:06
8	K1349-05DUP		1	2.54	100	7.59	2.01	0.014	0.014	0.000	-0.001	02/14/2019	10:07
9	K1349-05MSPre	40	2	2.55	100	7.65	1.58	0.014	0.350	0.336	0.435	02/14/2019	10:07
10	K1349-05MS2Ins	1284	40	2.53	100	7.38	1.55	0.011	0.610	0.599	0.776	02/14/2019	10:08
11	K1349-05MS3Post	40	2	2.54	100	7.50	1.56	0.015	0.348	0.333	0.431	02/14/2019	10:08
12	K1349-07		1	2.51	100	7.65	1.87	0.011	0.011	0.000	-0.001	02/14/2019	10:09
13	K1350-05		1	2.50	100	7.23	1.78	0.014	0.014	0.000	-0.001	02/14/2019	10:09
14	K1350-07		1	2.50	100	7.57	1.69	0.014	0.014	0.000	-0.001	02/14/2019	10:10
15	CCV2	0.5	1	100	100		1.65	0.000	0.390	0.390	0.505	02/14/2019	10:10
16	CCB2		1	100	100		1.57	0.000	0.000	0.000	-0.001	02/14/2019	10:11
17	K1350-09		1	2.50	100	7.89	2.35	0.017	0.017	0.000	-0.001	02/14/2019	10:11
18	CCV3	0.5	1	100	100		2.15	0.000	0.390	0.390	0.505	02/14/2019	10:12
19	CCB3		1	100	100		1.52	0.000	0.000	0.000	-0.001	02/14/2019	10:12