

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB110452

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP86157
Calibration Std. hexchrome 0.05 ppm	WP86158
calibration std. hexchrome 0.01 ppm	WP86159
calibration std. hexchrome 0 ppm	WP86160
hexavalent chromium color reagent	WP86088
0.2N SULFURIC ACID	WP84587
HEX LOD STD, 0.005PPM	WP86163
Calibration Std Hexachrome 0.025 ppm	WP86162
Hexavalent Chromium ICV-LCS Std	WP86161
Calibration and CCV std HexChrome 0.5PPM	WP86156
Calibration std HexChrome 1.0PPM	WP86147

Intercept: 0.0007

Slope: 0.7827

Regression: 0.999896

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		2.04	0.000	0.000	0.000	08/10/2020	14:05
2	CAL2	0.01	1	100	100		2.06	0.000	0.008	0.008	08/10/2020	14:06
3	CAL3	0.025	1	100	100		2.03	0.000	0.018	0.018	08/10/2020	14:07
4	CAL4	0.05	1	100	100		2.07	0.000	0.038	0.038	08/10/2020	14:08
5	CAL5	0.1	1	100	100		2.05	0.000	0.080	0.080	08/10/2020	14:09
6	CAL6	0.5	1	100	100		2.08	0.000	0.401	0.401	08/10/2020	14:10
7	CAL7	1	1	100	100		2.02	0.000	0.779	0.779	08/10/2020	14:11



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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		2.06	0.000	0.412	0.412	0.525	08/10/2020	14:12
2	ICB		1	100	100		2.04	0.000	0.000	0.000	-0.001	08/10/2020	14:13
3	CCV1	0.5	1	100	100		2.08	0.000	0.398	0.398	0.508	08/10/2020	14:14
4	CCB1		1	100	100		2.07	0.000	0.000	0.000	-0.001	08/10/2020	14:15
5	LB110452BL		1	100	100		2.03	0.000	0.000	0.000	-0.001	08/10/2020	14:16
6	LB110452BS	0.5	1	100	100		2.04	0.000	0.408	0.408	0.520	08/10/2020	14:17
7	L3216-12		1	100	100		2.05	0.000	0.004	0.004	0.004	08/10/2020	14:18
8	CCV2	0.5	1	100	100		2.07	0.000	0.397	0.397	0.506	08/10/2020	14:19
9	CCB2		1	100	100		2.08	0.000	0.000	0.000	-0.001	08/10/2020	14:20