

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB111176

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP87066
Calibration Std. hexchrome 0.05 ppm	WP87034
calibration std. hexchrome 0.01 ppm	WP87035
calibration std. hexchrome 0 ppm	WP87036
hexavalent chromium color reagent	WP87039
0.2N SULFURIC ACID	WP84587
Calibration Std Hexachrome 0.025 ppm	WP87067
Hexavalent Chromium ICV-LCS Std	WP87068
Calibration and CCV std HexChrome 0.5PPM	WP87065
Calibration std HexChrome 1.0PPM	WP87064

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	09/25/2020	12:05
2	CAL2	0.01	1	100	100		2.06	0.000	0.008	0.008	09/25/2020	12:06
3	CAL3	0.025	1	100	100		2.03	0.000	0.018	0.018	09/25/2020	12:07
4	CAL4	0.05	1	100	100		2.07	0.000	0.038	0.038	09/25/2020	12:08
5	CAL5	0.1	1	100	100		2.05	0.000	0.080	0.080	09/25/2020	12:09
6	CAL6	0.5	1	100	100		2.08	0.000	0.401	0.401	09/25/2020	12:10
7	CAL7	1	1	100	100		2.05	0.000	0.779	0.779	09/25/2020	12:11



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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		2.04	0.000	0.412	0.412	0.525	09/25/2020	12:12
2	ICB		1	100	100		2.06	0.000	0.000	0.000	-0.001	09/25/2020	12:13
3	CCV1	0.5	1	100	100		2.03	0.000	0.395	0.395	0.504	09/25/2020	12:14
4	CCB1		1	100	100		2.07	0.000	0.000	0.000	-0.001	09/25/2020	12:15
5	lb111176BL		1	100	100		2.05	0.000	0.000	0.000	-0.001	09/25/2020	12:16
6	lb111176BS	0.5	1	100	100		2.08	0.000	0.412	0.412	0.525	09/25/2020	12:17
7	L3974-02		1	100	100		2.05	0.000	0.136	0.136	0.173	09/25/2020	12:18
8	CCV2	0.5	1	100	100		2.06	0.000	0.394	0.394	0.502	09/25/2020	12:19
9	CCB2		1	100	100		2.07	0.000	0.000	0.000	-0.001	09/25/2020	12:20