

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB108330

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP82987
Calibratation STD Hexa Chrome 0.5 PPM	WP82988
Calibration Std. hexchrome 0.1 ppm	WP82989
Calibration Std. hexchrome 0.05 ppm	WP82990
calibration std. hexchrome 0.01 ppm	WP82991
calibration std. hexchrome 0 ppm	WP82992
Hexavalent Chromium CCV Std	WP82993
hexavalent chromium color reagent	WP82865
0.2N SULFURIC ACID	WP79785
Calibration Std Hexachrome 0.025 ppm	WP82994
Hexavalent Chromium ICV-LCS Std	WP82995

Intercept: 0.0005

Slope: 0.7812

Regression: 0.999878

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	03/18/2020	13:50
2	CAL2	0.01	1	100	100		2.03	0.000	0.008	0.008	03/18/2020	13:51
3	CAL3	0.025	1	100	100		2.07	0.000	0.018	0.018	03/18/2020	13:52
4	CAL4	0.05	1	100	100		2.05	0.000	0.038	0.038	03/18/2020	13:53
5	CAL5	0.1	1	100	100		2.03	0.000	0.078	0.078	03/18/2020	13:54
6	CAL6	0.5	1	100	100		2.02	0.000	0.401	0.401	03/18/2020	13:55
7	CAL7	1	1	100	100		2.08	0.000	0.777	0.777	03/18/2020	13:56



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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		2.05	0.000	0.398	0.398	0.509	03/18/2020	13:57
2	ICB		1	100	100		2.06	0.000	0.000	0.000	-0.001	03/18/2020	13:58
3	CCV1	0.5	1	100	100		2.07	0.000	0.400	0.400	0.511	03/18/2020	13:59
4	CCB1		1	100	100		2.03	0.000	0.000	0.000	-0.001	03/18/2020	14:00
5	lb108330BL		1	100	100		2.04	0.000	0.000	0.000	-0.001	03/18/2020	14:01
6	lb108330BS	0.5	1	100	100		2.06	0.000	0.397	0.397	0.508	03/18/2020	14:02
7	L1801-02		1	100	100		2.03	0.000	0.548	0.548	0.701	03/18/2020	14:03
8	CCV2	0.5	1	100	100		2.04	0.000	0.402	0.402	0.514	03/18/2020	14:04
9	CCB2		1	100	100		2.06	0.000	0.000	0.000	-0.001	03/18/2020	14:05