

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB108970

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP83950
Calibration Std. hexchrome 0.05 ppm	WP83951
calibration std. hexchrome 0.01 ppm	WP83952
calibration std. hexchrome 0 ppm	WP83953
hexavalent chromium color reagent	WP83777
0.2N SULFURIC ACID	WP79785
HEX LOD STD, 0.005PPM	WP83956
Calibration Std Hexachrome 0.025 ppm	WP83955
Hexavalent Chromium ICV-LCS Std	WP83954
Calibration and CCV std HexChrome 0.5PPM	WP83949
Calibration std HexChrome 1.0PPM	WP83948

Intercept: 0.0007

Slope: 0.7815

Regression: 0.999904

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	05/01/2020	12:20
2	CAL2	0.01	1	100	100		2.06	0.000	0.008	0.008	05/01/2020	12:21
3	CAL3	0.025	1	100	100		2.05	0.000	0.018	0.018	05/01/2020	12:22
4	CAL4	0.05	1	100	100		2.07	0.000	0.038	0.038	05/01/2020	12:23
5	CAL5	0.1	1	100	100		2.05	0.000	0.080	0.080	05/01/2020	12:24
6	CAL6	0.5	1	100	100		2.03	0.000	0.400	0.400	05/01/2020	12:25
7	CAL7	1	1	100	100		2.04	0.000	0.778	0.778	05/01/2020	12:26



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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	0.410	0.410	0.524	05/01/2020	12:27
2	ICB		1	100	100		2.04	0.000	0.000	0.000	-0.001	05/01/2020	12:28
3	CCV1	0.5	1	100	100		2.03	0.000	0.399	0.399	0.510	05/01/2020	12:29
4	CCB1		1	100	100		2.05	0.000	0.000	0.000	-0.001	05/01/2020	12:30
5	lb108970BL		1	100	100		2.07	0.000	0.000	0.000	-0.001	05/01/2020	12:31
6	lb108970BS	0.5	1	100	100		2.06	0.000	0.405	0.405	0.517	05/01/2020	12:32
7	L2182-12		1	100	100		2.02	0.000	0.006	0.006	0.007	05/01/2020	12:33
8	CCV2	0.5	1	100	100		2.03	0.000	0.387	0.387	0.494	05/01/2020	12:34
9	CCB2		1	100	100		2.04	0.000	0.000	0.000	-0.001	05/01/2020	12:35