

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB107164

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration STD HexaChrome 1 PPM	WP81184
Calibration STD Hexa Chrome 0.5 PPM	WP81185
Calibration Std. hexchrome 0.1 ppm	WP81190
Calibration Std. hexchrome 0.05 ppm	WP81189
calibration std. hexchrome 0.01 ppm	WP81188
calibration std. hexchrome 0 ppm	WP81187
Hexavalent Chromium ICV Std.	WP81192
Hexavalent Chromium CCV Std	WP81191
Hexavalent Chromium LCS Std	WP81193
hexavalent chromium color reagent	WP81194
0.2N SULFURIC ACID	WP79785

Intercept: -0.0004

Slope: 0.8001

Regression: 0.999998

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		2.03	0.000	0.000	0.000	01/14/2020	12:10
2	CAL2	0.01	1	100	100		2.04	0.000	0.008	0.008	01/14/2020	12:11
3	CAL3	0.025	1	100	100		2.08	0.000	0.020	0.020	01/14/2020	12:12
4	CAL4	0.05	1	100	100		2.09	0.000	0.039	0.039	01/14/2020	12:13
5	CAL5	0.1	1	100	100		2.04	0.000	0.079	0.079	01/14/2020	12:14
6	CAL6	0.5	1	100	100		2.07	0.000	0.399	0.399	01/14/2020	12:15
7	CAL7	1	1	100	100		2.06	0.000	0.800	0.800	01/14/2020	12:16



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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	0.382	0.382	0.478	01/14/2020	12:17
2	ICB		1	100	100		2.06	0.000	0.000	0.000	0.000	01/14/2020	12:18
3	CCV1	0.5	1	100	100		2.07	0.000	0.379	0.379	0.474	01/14/2020	17:25
4	CCB1		1	100	100		2.09	0.000	0.000	0.000	0.000	01/14/2020	17:26
5	lb107164BL		1	100	100		2.05	0.000	0.000	0.000	0.000	01/14/2020	17:27
6	lb107164BS	0.5	1	100	100		2.04	0.002	0.403	0.401	0.502	01/14/2020	17:28
7	L1123-13		1	100	100		2.03	0.001	0.001	0.000	0.000	01/14/2020	17:29
8	L1123-13DUP		1	100	100		2.06	0.001	0.001	0.000	0.000	01/14/2020	17:30
9	L1123-13MS	1	2	100	100		2.04	0.001	0.410	0.409	0.512	01/14/2020	17:31
10	L1123-13MSD	1	2	100	100		2.05	0.001	0.410	0.409	0.512	01/14/2020	17:32
11	CCV2	0.5	1	100	100		2.06	0.000	0.380	0.380	0.475	01/14/2020	17:33
12	CCB2		1	100	100		2.03	0.000	0.000	0.000	0.000	01/14/2020	17:34