



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: chirag

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB105881

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibration STD HexaChrome 1 PPM	WP79240
Calibration STD Hexa Chrome 0.5 PPM	WP79241
Calibration Std. hexchrome 0.1 ppm	WP79247
Calibration Std. hexchrome 0.05 ppm	WP79245
calibration std. hexchrome 0.01 ppm	WP79244
calibration std. hexchrome 0 ppm	WP79243
Hexavalent Chromium ICV Std.	WP79253
Hexavalent Chromium CCV Std	WP79249
Hexavalent Chromium LCS Std	WP79256
hexavalent chromium color reagent	WP78199
Calibration std Hexachrome, 0.025ppm	WP79242

Intercept: -0.0003

Slope: 0.7999

Regression: 0.999999

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		2.10	0.000	0.000	0.000	10/23/2019	11:01
2	CAL2	0.01	1	100	100		1.56	0.000	0.008	0.008	10/23/2019	11:01
3	CAL3	0.025	1	100	100		1.60	0.000	0.019	0.019	10/23/2019	11:02
4	CAL4	0.05	1	100	100		2.05	0.000	0.040	0.040	10/23/2019	11:03
5	CAL5	0.1	1	100	100		2.10	0.000	0.080	0.080	10/23/2019	11:03
6	CAL6	0.5	1	100	100		1.56	0.000	0.399	0.399	10/23/2019	11:04
7	CAL7	1	1	100	100		1.56	0.000	0.800	0.800	10/23/2019	11:05



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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		1.56	0.000	0.389	0.389	0.487	10/23/2019	11:05
2	ICB		1	100	100		1.60	0.000	0.000	0.000	0.000	10/23/2019	11:05
3	CCV1	0.5	1	100	100		1.60	0.000	0.386	0.386	0.483	10/23/2019	11:17
4	CCB1		1	100	100		1.60	0.000	0.000	0.000	0.000	10/23/2019	11:17
5	lb105881BL		1	100	100		1.65	0.000	0.000	0.000	0.000	10/23/2019	11:18
6	lb105881BS	0.5	1	100	100		1.56	0.000	0.376	0.376	0.470	10/23/2019	11:18
7	K5505-01		1	100	100		2.10	0.002	0.002	0.000	0.000	10/23/2019	11:19
8	K5505-01DUP		1	100	100		1.56	0.002	0.002	0.000	0.000	10/23/2019	11:19
9	K5505-01MS	1	2	100	100		2.05	0.002	0.389	0.387	0.484	10/23/2019	11:20
10	K5505-01MSD	1	2	100	100		1.65	0.002	0.387	0.385	0.482	10/23/2019	11:20
11	CCV2	0.5	1	100	100		2.10	0.000	0.376	0.376	0.470	10/23/2019	11:21
12	CCB2		1	100	100		2.05	0.000	0.000	0.000	0.000	10/23/2019	11:22