



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB100229

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP70777
Calibration Std. hexchrome 0.05 ppm	WP70776
5N sulfuric acid	WP70044
Hexavalent Chromium LCS Std	WP70781
Calibratation STD HexaChrome 1 PPM	WP70779
Calibratation STD Hexa Chrome 0.5 PPM	WP70778
calibration std. hexchrome 0.01 ppm	WP70774
calibration std. hexchrome 0 ppm	WP70773
Hexavalent Chromium ICV Std.	WP70780
Hexavalent Chromium CCV Std	WP70782
hexavalent chromium color reagent	WP70661
Calibration std Hexachrome, 0.025ppm	WP70775

Intercept: -0.0003

Slope: 0.761

Regression: 0.999957

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		1.90	0.000	0.000	0.000	01/09/2019	16:00
2	CAL2	0.01	1	100	100		1.75	0.000	0.008	0.008	01/09/2019	16:00
3	CAL3	0.025	1	100	100		2.14	0.000	0.017	0.017	01/09/2019	16:01
4	CAL4	0.05	1	100	100		1.64	0.000	0.039	0.039	01/09/2019	16:01
5	CAL5	0.1	1	100	100		2.40	0.000	0.078	0.078	01/09/2019	16:02
6	CAL6	0.5	1	100	100		2.17	0.000	0.375	0.375	01/09/2019	16:02
7	CAL7	1	1	100	100		2.25	0.000	0.763	0.763	01/09/2019	16:03



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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		2.17	0.000	0.377	0.377	0.496	01/09/2019	16:03
2	ICB		1	100	100		2.35	0.000	0.000	0.000	0.000	01/09/2019	16:04
3	CCV1	0.5	1	100	100		1.88	0.000	0.377	0.377	0.496	01/09/2019	16:04
4	CCB1		1	100	100		1.54	0.000	0.000	0.000	0.000	01/09/2019	16:05
5	lb100229BL		1	100	100		1.77	0.000	0.000	0.000	0.000	01/09/2019	16:05
6	lb100229BS	0.5	1	100	100		2.30	0.000	0.369	0.369	0.485	01/09/2019	16:06
7	K1095-01		1	100	100		2.44	0.006	0.006	0.000	0.000	01/09/2019	16:06
8	K1095-01DUP		1	100	100		1.85	0.007	0.007	0.000	0.000	01/09/2019	16:07
9	K1095-01MS	1	2	100	100		1.69	0.007	0.367	0.360	0.473	01/09/2019	16:07
10	K1095-01MSD	1	2	100	100		2.07	0.008	0.366	0.358	0.471	01/09/2019	16:08
11	CCV2	0.5	1	100	100		2.13	0.000	0.377	0.377	0.496	01/09/2019	16:08
12	CCB2		1	100	100		2.46	0.000	0.000	0.000	0.000	01/09/2019	16:09