



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB93401

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP62136
Calibration Std. hexchrome 0.05 ppm	WP62135
Hexavalent Chromium LCS Std	WP62141
Calibratation STD HexaChrome 1 PPM	WP62138
Calibratation STD Hexa Chrome 0.5 PPM	WP62137
calibration std. hexchrome 0.01 ppm	WP62133
calibration std. hexchrome 0 ppm	WP62132
Hexavalent Chromium ICV Std.	WP62139
Hexavalent Chromium CCV Std	WP62140
HEX LOD STD, 0.005PPM	WP62142
0.2N SULFURIC ACID	WP58235
Calibration std Hexachrome, 0.025ppm	WP62134

Intercept: 0.0007

Slope: 0.7496

Regression: 0.999935

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	02/20/2018	13:20
2	CAL2	0.01	1	100	100		2.19	0.000	0.007	0.007	02/20/2018	13:20
3	CAL3	0.025	1	100	100		1.62	0.000	0.017	0.017	02/20/2018	13:21
4	CAL4	0.05	1	100	100		2.42	0.000	0.038	0.038	02/20/2018	13:21
5	CAL5	0.1	1	100	100		1.85	0.000	0.077	0.077	02/20/2018	13:23
6	CAL6	0.5	1	100	100		1.74	0.000	0.382	0.382	02/20/2018	13:23
7	CAL7	1	1	100	100		2.37	0.000	0.747	0.747	02/20/2018	13:24



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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		2.16	0.000	0.385	0.385	0.513	02/20/2018	13:24
2	ICB		1	100	100		1.68	0.000	0.000	0.000	-0.001	02/20/2018	13:25
3	CCV1	0.5	1	100	100		1.71	0.000	0.385	0.385	0.513	02/20/2018	13:25
4	CCB1		1	100	100		1.59	0.000	0.000	0.000	-0.001	02/20/2018	13:26
5	LB93401BL		1	100	100		2.13	0.000	0.000	0.000	-0.001	02/20/2018	13:26
6	LB93401BS	0.5	1	100	100		2.39	0.000	0.383	0.383	0.510	02/20/2018	13:27
7	J1161-10		1	100	100		2.45	0.000	0.005	0.005	0.006	02/20/2018	13:28
8	J1161-12		1	100	100		2.16	0.000	0.004	0.004	0.004	02/20/2018	13:28
9	CCV2	0.5	1	100	100		1.68	0.000	0.386	0.386	0.514	02/20/2018	13:29
10	CCB2		1	100	100		1.90	0.000	0.000	0.000	-0.001	02/20/2018	13:29