



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB101405

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP72599
Calibration Std. hexchrome 0.05 ppm	WP72598
Hexavalent Chromium LCS Std	WP72604
Calibratation STD HexaChrome 1 PPM	WP72601
Calibratation STD Hexa Chrome 0.5 PPM	WP72600
calibration std. hexchrome 0.01 ppm	WP72608
calibration std. hexchrome 0 ppm	WP72595
Hexavalent Chromium ICV Std.	WP72602
Hexavalent Chromium CCV Std	WP72603
hexavalent chromium color reagent	WP72565
0.2N SULFURIC ACID	WP68120
Calibration std Hexachrome, 0.025ppm	WP72597

Intercept: -0.0005

Slope: 0.7625

Regression: 0.999932

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	03/15/2019	08:00
2	CAL2	0.01	1	100	100		1.93	0.000	0.007	0.007	03/15/2019	08:00
3	CAL3	0.025	1	100	100		1.74	0.000	0.017	0.017	03/15/2019	08:01
4	CAL4	0.05	1	100	100		2.30	0.000	0.040	0.040	03/15/2019	08:01
5	CAL5	0.1	1	100	100		2.44	0.000	0.078	0.078	03/15/2019	08:02
6	CAL6	0.5	1	100	100		1.80	0.000	0.374	0.374	03/15/2019	08:02
7	CAL7	1	1	100	100		1.65	0.000	0.765	0.765	03/15/2019	08:03



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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		1.72	0.000	0.375	0.375	0.492	03/15/2019	08:03
2	ICB		1	100	100		1.66	0.000	0.000	0.000	0.001	03/15/2019	08:04
3	CCV1	0.5	1	100	100		2.10	0.000	0.375	0.375	0.492	03/15/2019	08:04
4	CCB1		1	100	100		2.23	0.000	0.000	0.000	0.001	03/15/2019	08:05
5	LB101405BL		1	100	100		2.37	0.000	0.000	0.000	0.001	03/15/2019	08:05
6	LB101405BS	0.5	1	100	100		1.61	0.000	0.373	0.373	0.490	03/15/2019	08:06
7	K1833-02		1	100	100		2.37	0.000	0.386	0.386	0.507	03/15/2019	08:06
8	K1909-01		1	100	100		2.30	0.020	0.020	0.000	0.001	03/15/2019	08:07
9	K1909-02		1	100	100		2.22	0.008	0.008	0.000	0.001	03/15/2019	08:07
10	K1909-02DUP		1	100	100		1.80	0.007	0.007	0.000	0.001	03/15/2019	08:08
11	K1909-02MS	1	2	100	100		1.92	0.009	0.377	0.368	0.483	03/15/2019	08:08
12	K1909-02MSD	1	2	100	100		1.84	0.009	0.376	0.367	0.482	03/15/2019	08:09
13	K1909-03		1	100	100		2.31	0.006	0.006	0.000	0.001	03/15/2019	08:09
14	K1909-04		1	100	100		2.17	0.011	0.011	0.000	0.001	03/15/2019	08:10
15	CCV2	0.5	1	100	100		1.78	0.000	0.375	0.375	0.492	03/15/2019	08:10
16	CCB2		1	100	100		1.93	0.000	0.000	0.000	0.001	03/15/2019	08:11
17	K1909-05		1	100	100		2.20	0.005	0.005	0.000	0.001	03/15/2019	08:11
18	CCV3	0.5	1	100	100		2.16	0.000	0.376	0.376	0.494	03/15/2019	08:12
19	CCB3		1	100	100		1.77	0.000	0.000	0.000	0.001	03/15/2019	08:12