

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB89151

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP56803
Calibration Std. hexchrome 0.05 ppm	WP56802
Hexavalent Chromium LCS Std	WP56808
Calibratation STD HexaChrome 1 PPM	WP56805
Calibratation STD Hexa Chrome 0.5 PPM	WP56804
calibration std. hexchrome 0.01 ppm	WP56800
calibration std. hexchrome 0 ppm	WP56809
Hexavalent Chromium ICV Std.	WP56806
Hexavalent Chromium CCV Std	WP56807
hexavalent chromium color reagent	WP56710
0.2N SULFURIC ACID	WP53824
Calibration std Hexachrome, 0.025ppm	WP56801

Intercept: -0.0001

Slope: 0.7573

Regression: 0.999968

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		2.14	0.000	0.000	0.000	07/31/2017	15:00
2	CAL2	0.01	1	100	100		1.82	0.000	0.006	0.006	07/31/2017	15:00
3	CAL3	0.025	1	100	100		1.76	0.000	0.017	0.017	07/31/2017	15:01
4	CAL4	0.05	1	100	100		1.93	0.000	0.038	0.038	07/31/2017	15:01
5	CAL5	0.1	1	100	100		2.40	0.000	0.080	0.080	07/31/2017	15:02
6	CAL6	0.5	1	100	100		1.60	0.000	0.376	0.376	07/31/2017	15:02
7	CAL7	1	1	100	100		2.33	0.000	0.758	0.758	07/31/2017	15:03



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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		2.44	0.000	0.375	0.375	0.495	07/31/2017	15:03
2	ICB		1	100	100		2.39	0.000	0.000	0.000	0.000	07/31/2017	15:04
3	CCV1	0.5	1	100	100		1.58	0.000	0.376	0.376	0.497	07/31/2017	15:04
4	CCB1		1	100	100		1.81	0.000	0.000	0.000	0.000	07/31/2017	15:05
5	LB89151BL		1	100	100		2.27	0.000	0.000	0.000	0.000	07/31/2017	15:05
6	LB89151BS	0.5	1	100	100		2.33	0.000	0.374	0.374	0.494	07/31/2017	15:06
7	I4346-12		1	100	100		2.12	0.000	0.600	0.600	0.792	07/31/2017	15:06
8	CCV2	0.5	1	100	100		1.90	0.000	0.377	0.377	0.498	07/31/2017	15:07
9	CCB2		1	100	100		2.28	0.000	0.000	0.000	0.000	07/31/2017	15:07