



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB90141

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP57996
Calibration Std. hexchrome 0.05 ppm	WP57995
Hexavalent Chromium LCS Std	WP58000
Calibratation STD HexaChrome 1 PPM	WP57998
Calibratation STD Hexa Chrome 0.5 PPM	WP57997
calibration std. hexchrome 0.01 ppm	WP57993
calibration std. hexchrome 0 ppm	WP58016
Hexavalent Chromium ICV Std.	WP57999
Hexavalent Chromium CCV Std	WP58001
hexavalent chromium color reagent	WP57916
0.2N SULFURIC ACID	WP53824
Calibration std Hexachrome, 0.025ppm	WP57994

Intercept: 0.0001

Slope: 0.7657

Regression: 0.999965

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	09/18/2017	17:00
2	CAL2	0.01	1	100	100		1.90	0.000	0.008	0.008	09/18/2017	17:00
3	CAL3	0.025	1	100	100		1.77	0.000	0.019	0.019	09/18/2017	17:01
4	CAL4	0.05	1	100	100		2.08	0.000	0.039	0.039	09/18/2017	17:01
5	CAL5	0.1	1	100	100		2.31	0.000	0.079	0.079	09/18/2017	17:02
6	CAL6	0.5	1	100	100		1.78	0.000	0.378	0.378	09/18/2017	17:02
7	CAL7	1	1	100	100		2.09	0.000	0.768	0.768	09/18/2017	17:03



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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		1.88	0.000	0.389	0.389	0.508	09/18/2017	17:03
2	ICB		1	100	100		2.21	0.000	0.000	0.000	0.000	09/18/2017	17:04
3	CCV1	0.5	1	100	100		2.41	0.000	0.392	0.392	0.512	09/18/2017	17:04
4	CCB1		1	100	100		1.59	0.000	0.000	0.000	0.000	09/18/2017	17:05
5	LB90141BL		1	100	100		1.72	0.000	0.000	0.000	0.000	09/18/2017	17:05
6	LB90141BS	0.5	1	100	100		2.13	0.000	0.379	0.379	0.495	09/18/2017	17:06
7	I5274-02		1	100	100		2.23	0.000	0.494	0.494	0.645	09/18/2017	17:07
8	CCV2	0.5	1	100	100		2.35	0.000	0.392	0.392	0.512	09/18/2017	17:07
9	CCB2		1	100	100		1.74	0.000	0.000	0.000	0.000	09/18/2017	17:08