

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB93400

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
5N sulfuric acid	WP61786
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
Calibration std Hexachrome, 0.025ppm	WP62134

Intercept: -0.0002

Slope: 0.7651

Regression: 0.999984

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		2.11	0.000	0.000	0.000	02/20/2018	13:10
2	CAL2	0.01	1	100	100		1.86	0.000	0.007	0.007	02/20/2018	13:10
3	CAL3	0.025	1	100	100		1.53	0.000	0.016	0.016	02/20/2018	13:11
4	CAL4	0.05	1	100	100		2.42	0.000	0.039	0.039	02/20/2018	13:11
5	CAL5	0.1	1	100	100		2.39	0.000	0.078	0.078	02/20/2018	13:12
6	CAL6	0.5	1	100	100		1.74	0.000	0.384	0.384	02/20/2018	13:12
7	CAL7	1	1	100	100		2.15	0.000	0.764	0.764	02/20/2018	13:13



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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		1.90	0.000	0.386	0.386	0.505	02/20/2018	13:13
2	ICB		1	100	100		2.27	0.000	0.000	0.000	0.000	02/20/2018	13:14
3	CCV1	0.5	1	100	100		2.01	0.000	0.386	0.386	0.505	02/20/2018	13:14
4	CCB1		1	100	100		1.93	0.000	0.000	0.000	0.000	02/20/2018	13:15
5	LB93400BL		1	100	100		1.62	0.000	0.000	0.000	0.000	02/20/2018	13:15
6	LB93400BS	0.5	1	100	100		2.33	0.000	0.385	0.385	0.503	02/20/2018	13:16
7	J1161-07		1	100	100		2.28	0.000	0.004	0.004	0.005	02/20/2018	13:16
8	J1161-09		1	100	100		1.75	0.000	0.004	0.004	0.005	02/20/2018	13:17
9	CCV2	0.5	1	100	100		1.88	0.000	0.387	0.387	0.506	02/20/2018	13:17
10	CCB2		1	100	100		1.91	0.000	0.000	0.000	0.000	02/20/2018	13:18