

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB89152

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
5N sulfuric acid	WP56414
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
HNO3 Hex-Chrome, 5M	WP56413
Calibration std Hexachrome, 0.025ppm	WP56801

Intercept: 0.0004

Slope: 0.7795

Regression: 0.999921

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		2.30	0.000	0.000	0.000	07/31/2017	14:10
2	CAL2	0.01	1	100	100		2.41	0.000	0.007	0.007	07/31/2017	14:10
3	CAL3	0.025	1	100	100		1.98	0.000	0.018	0.018	07/31/2017	14:11
4	CAL4	0.05	1	100	100		2.07	0.000	0.039	0.039	07/31/2017	14:11
5	CAL5	0.1	1	100	100		1.64	0.000	0.078	0.078	07/31/2017	14:12
6	CAL6	0.5	1	100	100		1.77	0.000	0.398	0.398	07/31/2017	14:12
7	CAL7	1	1	100	100		2.25	0.000	0.776	0.776	07/31/2017	14:13



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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		1.69	0.000	0.373	0.373	0.478	07/31/2017	14:13
2	ICB		1	100	100		2.34	0.000	0.000	0.000	-0.001	07/31/2017	14:14
3	CCV1	0.5	1	100	100		2.48	0.000	0.374	0.374	0.479	07/31/2017	14:14
4	CCB1		1	100	100		1.81	0.000	0.000	0.000	-0.001	07/31/2017	14:15
5	LB89152BL		1	100	100		1.67	0.000	0.000	0.000	-0.001	07/31/2017	14:15
6	LB89152BS	0.5	1	100	100		2.16	0.000	0.372	0.372	0.477	07/31/2017	14:15
7	I4346-11		1	100	100		2.20	0.000	0.609	0.609	0.781	07/31/2017	14:16
8	CCV2	0.5	1	100	100		1.73	0.000	0.375	0.375	0.481	07/31/2017	14:16
9	CCB2		1	100	100		7.67	0.000	0.000	0.000	-0.001	07/31/2017	14:17