

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB94008

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP62812
Calibration Std. hexchrome 0.05 ppm	WP62811
5N sulfuric acid	WP61786
Calibratation STD HexaChrome 1 PPM	WP62835
Calibratation STD Hexa Chrome 0.5 PPM	WP62820
calibration std. hexchrome 0.01 ppm	WP62809
calibration std. hexchrome 0 ppm	WP62808
Hexavalent Chromium ICV Std.	WP62831
Hexavalent Chromium CCV Std	WP62832
HEX LOD STD, 0.005PPM	WP62856
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP62810

Intercept: 0.0009

Slope: 0.7694

Regression: 0.999936

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		1.89	0.000	0.000	0.000	03/19/2018	13:30
2	CAL2	0.01	1	100	100		1.77	0.000	0.007	0.007	03/19/2018	13:30
3	CAL3	0.025	1	100	100		2.10	0.000	0.018	0.018	03/19/2018	13:31
4	CAL4	0.05	1	100	100		2.34	0.000	0.039	0.039	03/19/2018	13:31
5	CAL5	0.1	1	100	100		2.40	0.000	0.080	0.080	03/19/2018	13:32
6	CAL6	0.5	1	100	100		1.60	0.000	0.392	0.392	03/19/2018	13:32
7	CAL7	1	1	100	100		1.86	0.000	0.767	0.767	03/19/2018	13:33

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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		1.70	0.000	0.390	0.390	0.506	03/19/2018	13:33
2	ICB		1	100	100		1.64	0.000	0.000	0.000	-0.001	03/19/2018	13:34
3	CCV1	0.5	1	100	100		2.21	0.000	0.391	0.391	0.507	03/19/2018	13:34
4	CCB1		1	100	100		2.13	0.000	0.000	0.000	-0.001	03/19/2018	13:35
5	LB94008BL		1	100	100		1.54	0.000	0.000	0.000	-0.001	03/19/2018	13:35
6	LB94008BS	0.5	1	100	100		2.40	0.000	0.389	0.389	0.504	03/19/2018	13:36
7	J1161-07		1	100	100		1.55	0.000	0.003	0.003	0.003	03/19/2018	13:36
8	J1161-09		1	100	100		2.39	0.000	0.003	0.003	0.003	03/19/2018	13:37
9	J1900-01		1	100	100		1.88	0.000	0.396	0.396	0.514	03/19/2018	13:37
10	CCV2	0.5	1	100	100		2.11	0.000	0.391	0.391	0.507	03/19/2018	13:38
11	CCB2		1	100	100		2.05	0.000	0.000	0.000	-0.001	03/19/2018	13:38