

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB86952

pH Meter ID: WC pH meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP54276
Calibration Std. hexchrome 0.05 ppm	WP54275
5N sulfuric acid	WP53540
Calibratation STD HexaChrome 1 PPM	WP54279
Calibratation STD Hexa Chrome 0.5 PPM	WP54277
calibration std. hexchrome 0.01 ppm	WP54274
calibration std. hexchrome 0 ppm	WP54271
Hexavalent Chromium ICV Std.	WP54280
Hexavalent Chromium CCV Std	WP54281
hexavalent chromium color reagent	WP53956
HNO3 Hex-Chrome, 5M	WP53205
Calibration std Hexachrome, 0.025ppm	WP54278

Intercept: -0.0001

Slope: 0.781

Regression: 0.999949

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		2.33	0.000	0.000	0.000	04/18/2017	14:01
2	CAL2	0.01	1	100	100		1.91	0.000	0.007	0.007	04/18/2017	14:01
3	CAL3	0.025	1	100	100		2.24	0.000	0.016	0.016	04/18/2017	14:02
4	CAL4	0.05	1	100	100		1.88	0.000	0.039	0.039	04/18/2017	14:02
5	CAL5	0.1	1	100	100		1.56	0.000	0.079	0.079	04/18/2017	14:03
6	CAL6	0.5	1	100	100		2.43	0.000	0.396	0.396	04/18/2017	14:03
7	CAL7	1	1	100	100		2.16	0.000	0.778	0.778	04/18/2017	14:04



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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		2.04	0.000	0.390	0.390	0.499	04/18/2017	14:04
2	ICB		1	100	100		1.77	0.000	0.000	0.000	0.000	04/18/2017	14:05
3	CCV1	0.5	1	100	100		2.23	0.000	0.391	0.391	0.501	04/18/2017	14:05
4	CCB1		1	100	100		2.19	0.000	0.000	0.000	0.000	04/18/2017	14:06
5	PB98315BL		1	2.51	100	7.40	2.47	0.000	0.000	0.000	0.000	04/18/2017	14:06
6	PB98315BS	20	1	2.54	100	7.75	1.96	0.001	0.369	0.368	0.471	04/18/2017	14:07
7	I2732-01		1	2.50	100	7.33	1.52	0.149	0.150	0.001	0.001	04/18/2017	14:07
8	I2735-01		1	2.52	100	7.20	1.74	0.122	0.123	0.001	0.001	04/18/2017	14:08
9	I2735-01DUP		1	2.50	100	7.50	2.47	0.123	0.124	0.001	0.001	04/18/2017	14:08
10	I2735-01MSPre	40	2	2.53	100	7.91	2.34	0.095	0.102	0.007	0.009	04/18/2017	14:09
11	I2735-01MS2Ins	1284	40	2.55	100	7.24	1.68	0.096	0.654	0.558	0.715	04/18/2017	14:09
12	I2735-01MS3Post	40	2	2.51	100	7.17	1.73	0.099	0.111	0.012	0.015	04/18/2017	14:10
13	CCV2	0.5	1	100	100		2.29	0.000	0.391	0.391	0.501	04/18/2017	14:10
14	CCB2		1	100	100		2.10	0.000	0.000	0.000	0.000	04/18/2017	14:11