

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB86977

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP54327
Calibration Std. hexchrome 0.05 ppm	WP54326
5N sulfuric acid	WP53540
Calibratation STD HexaChrome 1 PPM	WP54329
Calibratation STD Hexa Chrome 0.5 PPM	WP54328
calibration std. hexchrome 0.01 ppm	WP54324
calibration std. hexchrome 0 ppm	WP54323
Hexavalent Chromium ICV Std.	WP54344
Hexavalent Chromium CCV Std	WP54332
hexavalent chromium color reagent	WP54334
HNO3 Hex-Chrome, 5M	WP53205
Calibration std Hexachrome, 0.025ppm	WP54325

Intercept: -0.0001

Slope: 0.7797

Regression: 0.999929

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	04/19/2017	12:05
2	CAL2	0.01	1	100	100		2.07	0.000	0.006	0.006	04/19/2017	12:05
3	CAL3	0.025	1	100	100		1.86	0.000	0.017	0.017	04/19/2017	12:06
4	CAL4	0.05	1	100	100		2.45	0.000	0.039	0.039	04/19/2017	12:06
5	CAL5	0.1	1	100	100		1.61	0.000	0.078	0.078	04/19/2017	12:07
6	CAL6	0.5	1	100	100		1.92	0.000	0.397	0.397	04/19/2017	12:07
7	CAL7	1	1	100	100		2.27	0.000	0.776	0.776	04/19/2017	12:08

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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		0.231	0.000	0.389	0.389	0.499	04/19/2017	12:08
2	ICB		1	100	100		2.30	0.000	0.000	0.000	0.000	04/19/2017	12:09
3	CCV1	0.5	1	100	100		2.12	0.000	0.391	0.391	0.502	04/19/2017	12:09
4	CCB1		1	100	100		1.60	0.000	0.000	0.000	0.000	04/19/2017	12:10
5	PB98350BL		1	2.52	100	7.55	1.78	0.000	0.000	0.000	0.000	04/19/2017	12:10
6	PB98350BS	20	1	2.53	100	7.24	2.20	0.000	0.362	0.362	0.464	04/19/2017	12:11
7	I2751-01		1	2.55	100	7.80	1.59	0.009	0.010	0.001	0.001	04/19/2017	12:11
8	I2751-04		1	2.54	100	7.73	2.41	0.015	0.015	0.000	0.000	04/19/2017	12:12
9	I2751-07		1	2.52	100	7.16	2.36	0.051	0.051	0.000	0.000	04/19/2017	12:12
10	I2752-01		1	2.55	100	7.35	2.05	0.012	0.013	0.001	0.001	04/19/2017	12:13
11	I2752-04		1	2.55	100	7.82	1.93	0.006	0.018	0.012	0.016	04/19/2017	12:13
12	I2752-04DUP		1	2.54	100	7.53	2.10	0.005	0.017	0.012	0.016	04/19/2017	12:14
13	I2752-04MSPre	40	2	2.51	100	7.04	2.45	0.005	0.344	0.339	0.435	04/19/2017	12:14
14	I2752-04MS2Ins	1284	40	2.50	100	7.42	2.30	0.006	0.619	0.613	0.786	04/19/2017	12:15
15	CCV2	0.5	1	100	100		1.87	0.000	0.391	0.391	0.502	04/19/2017	12:15
16	CCB2		1	100	100		2.24	0.000	0.000	0.000	0.000	04/19/2017	12:16
17	I2752-04MS3Post	40	2	2.52	100	7.96	2.30	0.007	0.356	0.349	0.448	04/19/2017	12:16
18	CCV3	0.5	1	100	100		2.47	0.000	0.390	0.390	0.500	04/19/2017	12:17
19	CCB3		1	100	100		1.90	0.000	0.000	0.000	0.000	04/19/2017	12:17