

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB87028

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP54402
Calibration Std. hexchrome 0.05 ppm	WP54401
5N sulfuric acid	WP53540
Calibratation STD HexaChrome 1 PPM	WP54404
Calibratation STD Hexa Chrome 0.5 PPM	WP54403
calibration std. hexchrome 0.01 ppm	WP54399
calibration std. hexchrome 0 ppm	WP54398
Hexavalent Chromium ICV Std.	WP54405
Hexavalent Chromium CCV Std	WP54406
hexavalent chromium color reagent	WP54334
HNO3 Hex-Chrome, 5M	WP53205
Calibration std Hexachrome, 0.025ppm	WP54400

Intercept: -0.0002

Slope: 0.7794

Regression: 0.999942

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		2.10	0.000	0.000	0.000	04/24/2017	16:01
2	CAL2	0.01	1	100	100		1.59	0.000	0.006	0.006	04/24/2017	16:01
3	CAL3	0.025	1	100	100		1.78	0.000	0.017	0.017	04/24/2017	16:02
4	CAL4	0.05	1	100	100		2.46	0.000	0.039	0.039	04/24/2017	16:02
5	CAL5	0.1	1	100	100		1.60	0.000	0.078	0.078	04/24/2017	16:03
6	CAL6	0.5	1	100	100		2.13	0.000	0.396	0.396	04/24/2017	16:03
7	CAL7	1	1	100	100		2.25	0.000	0.776	0.776	04/24/2017	16:04

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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		2.27	0.000	0.389	0.389	0.499	04/24/2017	16:04
2	ICB		1	100	100		2.35	0.000	0.000	0.000	0.000	04/24/2017	16:05
3	CCV1	0.5	1	100	100		1.90	0.000	0.390	0.390	0.501	04/24/2017	16:05
4	CCB1		1	100	100		1.63	0.000	0.000	0.000	0.000	04/24/2017	16:06
5	PB98437BL		1	2.55	100	7.23	2.04	0.000	0.000	0.000	0.000	04/24/2017	16:06
6	PB98437BS	20	1	2.52	100	7.10	1.74	0.000	0.360	0.360	0.462	04/24/2017	16:07
7	I2810-01		1	2.52	100	7.60	1.96	0.005	0.007	0.002	0.003	04/24/2017	16:07
8	I2810-01DUP		1	2.51	100	7.82	2.03	0.004	0.006	0.002	0.003	04/24/2017	16:08
9	I2810-01MSPre	40	2	2.53	100	7.77	2.27	0.004	0.346	0.342	0.439	04/24/2017	16:08
10	I2810-01MS2Ins	1284	40	2.50	100	7.45	1.74	0.005	0.602	0.597	0.766	04/24/2017	16:09
11	I2810-01MS3Post	40	2	2.55	100	7.48	1.96	0.007	0.353	0.346	0.444	04/24/2017	16:09
12	I2811-01		1	2.54	100	7.11	2.32	0.009	0.010	0.001	0.002	04/24/2017	16:10
13	I2811-03		1	2.51	100	7.36	1.84	0.004	0.006	0.002	0.003	04/24/2017	16:10
14	I2811-05		1	2.54	100	7.64	2.45	0.003	0.004	0.001	0.002	04/24/2017	16:11
15	CCV2	0.5	1	100	100		2.22	0.000	0.390	0.390	0.501	04/24/2017	16:11
16	CCB2		1	100	100		2.40	0.000	0.000	0.000	0.000	04/24/2017	16:12
17	I2825-01		1	2.53	100	7.21	2.35	0.095	0.101	0.006	0.008	04/24/2017	16:12
18	I2828-01		1	2.55	100	7.69	1.83	0.088	0.094	0.006	0.008	04/24/2017	16:13
19	CCV3	0.5	1	100	100		1.52	0.000	0.391	0.391	0.502	04/24/2017	16:13
20	CCB3		1	100	100		2.30	0.000	0.000	0.000	0.000	04/24/2017	16:14