

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB87224

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP54643
Calibration Std. hexchrome 0.05 ppm	WP54642
5N sulfuric acid	WP53540
Calibratation STD HexaChrome 1 PPM	WP54645
Calibratation STD Hexa Chrome 0.5 PPM	WP54644
calibration std. hexchrome 0.01 ppm	WP54640
calibration std. hexchrome 0 ppm	WP54616
Hexavalent Chromium ICV Std.	WP54646
Hexavalent Chromium CCV Std	WP54647
hexavalent chromium color reagent	WP54603
HNO3 Hex-Chrome, 5M	WP53205
Calibration std Hexachrome, 0.025ppm	WP54641

Intercept: 0.0001

Slope: 0.7783

Regression: 0.999934

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		2.32	0.000	0.000	0.000	05/03/2017	14:01
2	CAL2	0.01	1	100	100		1.74	0.000	0.006	0.006	05/03/2017	14:01
3	CAL3	0.025	1	100	100		1.85	0.000	0.017	0.017	05/03/2017	14:02
4	CAL4	0.05	1	100	100		2.44	0.000	0.039	0.039	05/03/2017	14:02
5	CAL5	0.1	1	100	100		2.07	0.000	0.079	0.079	05/03/2017	14:03
6	CAL6	0.5	1	100	100		1.63	0.000	0.396	0.396	05/03/2017	14:03
7	CAL7	1	1	100	100		1.79	0.000	0.775	0.775	05/03/2017	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		2.30	0.000	0.392	0.392	0.504	05/03/2017	14:04
2	ICB		1	100	100		1.95	0.000	0.000	0.000	0.000	05/03/2017	14:05
3	CCV1	0.5	1	100	100		2.47	0.000	0.393	0.393	0.505	05/03/2017	14:05
4	CCB1		1	100	100		2.21	0.000	0.000	0.000	0.000	05/03/2017	14:06
5	PB98681BL		1	2.55	100	7.15	1.96	0.000	0.000	0.000	0.000	05/03/2017	14:06
6	PB98681BS	20	1	2.54	100	7.59	1.63	0.000	0.356	0.356	0.457	05/03/2017	14:07
7	I2936-05		1	2.50	100	7.32	2.28	0.022	0.023	0.001	0.001	05/03/2017	14:07
8	I2936-11		1	2.51	100	7.10	2.34	0.018	0.020	0.002	0.002	05/03/2017	14:08
9	I2936-17		1	2.52	100	7.88	2.40	0.020	0.021	0.001	0.001	05/03/2017	14:08
10	I2936-17DUP		1	2.51	100	7.91	2.14	0.018	0.019	0.001	0.001	05/03/2017	14:09
11	I2936-17MSPre	40	2	2.55	100	7.19	1.73	0.024	0.098	0.074	0.095	05/03/2017	14:09
12	I2936-17MS2Ins	1284	40	2.53	100	7.22	1.66	0.025	0.607	0.582	0.748	05/03/2017	14:10
13	I2936-17MS3Post	40	2	2.53	100	7.77	2.21	0.026	0.113	0.087	0.112	05/03/2017	14:10
14	I2940-01		1	2.54	100	7.50	2.18	0.094	0.096	0.002	0.002	05/03/2017	14:11
15	CCV2	0.5	1	100	100		1.88	0.000	0.393	0.393	0.505	05/03/2017	14:11
16	CCB2		1	100	100		2.06	0.000	0.000	0.000	0.000	05/03/2017	14:12
17	I2953-03		1	2.51	100	7.22	1.72	0.014	0.014	0.000	0.000	05/03/2017	14:12
18	I2956-01		1	2.50	100	7.19	1.92	0.027	0.036	0.009	0.011	05/03/2017	14:13
19	I2956-04		1	2.53	100	7.28	2.33	0.022	0.022	0.000	0.000	05/03/2017	14:13
20	I2957-01		1	2.54	100	7.83	2.37	0.008	0.009	0.001	0.001	05/03/2017	14:14
21	I2957-04		1	2.50	100	7.04	2.48	0.024	0.024	0.000	0.000	05/03/2017	14:14
22	CCV3	0.5	1	100	100		1.67	0.000	0.397	0.397	0.510	05/03/2017	14:15
23	CCB3		1	100	100		1.58	0.000	0.000	0.000	0.000	05/03/2017	14:15