

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB88355

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP55921
Calibration Std. hexchrome 0.05 ppm	WP55920
5N sulfuric acid	WP55256
Calibratation STD HexaChrome 1 PPM	WP55923
Calibratation STD Hexa Chrome 0.5 PPM	WP55922
calibration std. hexchrome 0.01 ppm	WP55918
calibration std. hexchrome 0 ppm	WP55917
Hexavalent Chromium ICV Std.	WP55924
Hexavalent Chromium CCV Std	WP55925
hexavalent chromium color reagent	WP55833
HNO3 Hex-Chrome, 5M	WP53205
Calibration std Hexachrome, 0.025ppm	WP55919

Intercept: 0.0001

Slope: 0.7794

Regression: 0.999931

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		2.30	0.000	0.000	0.000	06/26/2017	12:10
2	CAL2	0.01	1	100	100		1.94	0.000	0.007	0.007	06/26/2017	12:10
3	CAL3	0.025	1	100	100		1.75	0.000	0.017	0.017	06/26/2017	12:11
4	CAL4	0.05	1	100	100		2.47	0.000	0.039	0.039	06/26/2017	12:11
5	CAL5	0.1	1	100	100		1.86	0.000	0.078	0.078	06/26/2017	12:12
6	CAL6	0.5	1	100	100		2.23	0.000	0.397	0.397	06/26/2017	12:12
7	CAL7	1	1	100	100		2.15	0.000	0.776	0.776	06/26/2017	12:13



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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		1.99	0.000	0.393	0.393	0.504	06/26/2017	12:13
2	ICB		1	100	100		2.20	0.000	0.000	0.000	0.000	06/26/2017	12:14
3	CCV1	0.5	1	100	100		2.18	0.000	0.394	0.394	0.505	06/26/2017	12:14
4	CCB1		1	100	100		1.78	0.000	0.000	0.000	0.000	06/26/2017	12:15
5	PB100150BL		1	2.54	100	7.90	2.29	0.000	0.000	0.000	0.000	06/26/2017	12:15
6	PB100150BS	20	1	2.51	100	7.56	1.63	0.000	0.371	0.371	0.476	06/26/2017	12:16
7	I3897-01		1	2.53	100	7.24	1.52	0.087	0.087	0.000	0.000	06/26/2017	12:16
8	I3898-04		1	2.51	100	7.36	2.13	0.006	0.006	0.000	0.000	06/26/2017	12:17
9	I3899-01		1	2.52	100	7.12	2.46	0.004	0.004	0.000	0.000	06/26/2017	12:17
10	I3899-01DUP		1	2.53	100	7.79	1.55	0.003	0.003	0.000	0.000	06/26/2017	12:18
11	I3899-01MSPre	40	2	2.55	100	7.41	2.10	0.006	0.351	0.345	0.443	06/26/2017	12:18
12	I3899-01MS2Ins	1284	40	2.53	100	7.32	2.16	0.005	0.619	0.614	0.788	06/26/2017	12:19
13	I3899-01MS3Post	40	2	2.52	100	7.04	1.88	0.007	0.365	0.358	0.459	06/26/2017	12:19
14	I3905-02		1	2.50	100	7.89	1.69	0.007	0.007	0.000	0.000	06/26/2017	12:20
15	CCV2	0.5	1	100	100		2.31	0.000	0.394	0.394	0.505	06/26/2017	12:20
16	CCB2		1	100	100		2.40	0.000	0.000	0.000	0.000	06/26/2017	12:21
17	I3906-01		1	2.55	100	7.93	1.58	0.018	0.018	0.000	0.000	06/26/2017	12:21
18	I3906-04		1	2.54	100	7.54	2.13	0.013	0.014	0.001	0.001	06/26/2017	12:22
19	I3906-07		1	2.50	100	7.31	2.44	0.011	0.012	0.001	0.001	06/26/2017	12:22
20	I3911-01		1	2.52	100	7.28	1.68	0.009	0.009	0.000	0.000	06/26/2017	12:23
21	I3912-01		1	2.51	100	7.09	1.97	0.016	0.016	0.000	0.000	06/26/2017	12:23
22	I3913-01		1	2.52	100	7.11	2.04	0.014	0.015	0.001	0.001	06/26/2017	12:24
23	I3920-01		1	2.53	100	7.48	2.28	0.040	0.040	0.000	0.000	06/26/2017	12:24
24	I3920-02		1	2.51	100	7.50	1.72	0.049	0.049	0.000	0.000	06/26/2017	12:25
25	I3920-03		1	2.52	100	7.23	2.41	0.060	0.060	0.000	0.000	06/26/2017	12:25
26	I3920-04		1	2.51	100	7.61	2.20	0.051	0.051	0.000	0.000	06/26/2017	12:26
27	CCV3	0.5	1	100	100		2.31	0.000	0.395	0.395	0.507	06/26/2017	12:26
28	CCB3		1	100	100		1.77	0.000	0.000	0.000	0.000	06/26/2017	12:27