

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB88521

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP56123
Calibration Std. hexchrome 0.05 ppm	WP56122
5N sulfuric acid	WP55256
Calibratation STD HexaChrome 1 PPM	WP56126
Calibratation STD Hexa Chrome 0.5 PPM	WP56125
calibration std. hexchrome 0.01 ppm	WP56121
calibration std. hexchrome 0 ppm	WP56120
Hexavalent Chromium ICV Std.	WP56128
Hexavalent Chromium CCV Std	WP56127
hexavalent chromium color reagent	WP56155
HNO3 Hex-Chrome, 5M	WP55974
Calibration std Hexachrome, 0.025ppm	WP56124

Intercept: 0.0006

Slope: 0.7784

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		2.20	0.000	0.000	0.000	07/05/2017	11:10
2	CAL2	0.01	1	100	100		2.36	0.000	0.008	0.008	07/05/2017	11:10
3	CAL3	0.025	1	100	100		2.28	0.000	0.018	0.018	07/05/2017	11:11
4	CAL4	0.05	1	100	100		1.88	0.000	0.039	0.039	07/05/2017	11:11
5	CAL5	0.1	1	100	100		1.90	0.000	0.079	0.079	07/05/2017	11:12
6	CAL6	0.5	1	100	100		2.39	0.000	0.396	0.396	07/05/2017	11:12
7	CAL7	1	1	100	100		2.46	0.000	0.776	0.776	07/05/2017	11:13



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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		2.08	0.000	0.390	0.390	0.500	07/05/2017	11:13
2	ICB		1	100	100		1.70	0.000	0.000	0.000	-0.001	07/05/2017	11:14
3	CCV1	0.5	1	100	100		1.56	0.000	0.391	0.391	0.502	07/05/2017	11:14
4	CCB1		1	100	100		2.44	0.000	0.000	0.000	-0.001	07/05/2017	11:15
5	PB100423BL		1	2.50	100	7.36	2.08	0.000	0.000	0.000	-0.001	07/05/2017	11:15
6	PB100423BS	20	1	2.51	100	7.49	2.24	0.000	0.358	0.358	0.459	07/05/2017	11:16
7	I3876-04		1	2.50	100	7.81	2.41	0.052	0.052	0.000	-0.001	07/05/2017	11:16
8	I3876-04DUP		1	2.52	100	7.42	2.35	0.053	0.053	0.000	-0.001	07/05/2017	11:17
9	I3876-05	40	2	2.52	100	7.20	1.89	0.055	0.357	0.302	0.387	07/05/2017	11:17
10	I3876-06	40	2	2.52	100	7.20	1.89	0.055	0.357	0.302	0.387	07/05/2017	11:17
11	I3876-07		1	2.55	100	7.77	2.04	0.065	0.066	0.001	0.001	07/05/2017	11:18
12	I3976-01		1	2.51	100	7.40	1.87	0.006	0.006	0.000	-0.001	07/05/2017	11:19
13	I3976-02		1	2.59	100	7.25	2.30	0.008	0.008	0.000	-0.001	07/05/2017	11:19
14	I3976-03		1	2.55	100	7.20	1.90	0.007	0.007	0.000	-0.001	07/05/2017	11:20
15	CCV2	0.5	1	100	100		1.71	0.000	0.391	0.391	0.502	07/05/2017	11:20
16	CCB2		1	100	100		2.11	0.000	0.000	0.000	-0.001	07/05/2017	11:21
17	I3976-04		1	2.60	100	7.25	2.45	0.016	0.016	0.000	-0.001	07/05/2017	11:21
18	I3976-05		1	2.59	100	7.12	2.20	0.018	0.019	0.001	0.001	07/05/2017	11:22
19	I3976-06		1	2.57	100	7.96	1.82	0.020	0.020	0.000	-0.001	07/05/2017	11:22
20	I3976-07		1	2.60	100	7.84	1.54	0.011	0.011	0.000	-0.001	07/05/2017	11:23
21	I3976-08		1	2.52	100	7.20	2.24	0.007	0.021	0.014	0.017	07/05/2017	11:23
22	I3983-01		1	2.50	100	7.40	2.16	0.012	0.012	0.000	-0.001	07/05/2017	11:24
23	I3996-01		1	2.60	100	7.54	1.77	0.009	0.009	0.000	-0.001	07/05/2017	11:24
24	I4031-01		1	2.60	100	7.55	2.46	0.017	0.017	0.000	-0.001	07/05/2017	11:25
25	CCV3	0.5	1	100	100		2.30	0.000	0.392	0.392	0.503	07/05/2017	11:25
26	CCB3		1	100	100		1.99	0.000	0.000	0.000	-0.001	07/05/2017	11:26