

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB88447

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP56052
Calibration Std. hexchrome 0.05 ppm	WP56051
5N sulfuric acid	WP55256
Calibratation STD HexaChrome 1 PPM	WP56054
Calibratation STD Hexa Chrome 0.5 PPM	WP56053
calibration std. hexchrome 0.01 ppm	WP56049
calibration std. hexchrome 0 ppm	WP56048
Hexavalent Chromium ICV Std.	WP56055
Hexavalent Chromium CCV Std	WP56056
hexavalent chromium color reagent	WP56010
HNO3 Hex-Chrome, 5M	WP55974
Calibration std Hexachrome, 0.025ppm	WP56050

Intercept: 0.0001

Slope: 0.781

Regression: 0.999944

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		1.54	0.000	0.000	0.000	06/29/2017	11:10
2	CAL2	0.01	1	100	100		1.98	0.000	0.007	0.007	06/29/2017	11:10
3	CAL3	0.025	1	100	100		2.34	0.000	0.017	0.017	06/29/2017	11:11
4	CAL4	0.05	1	100	100		1.77	0.000	0.039	0.039	06/29/2017	11:11
5	CAL5	0.1	1	100	100		2.41	0.000	0.079	0.079	06/29/2017	11:12
6	CAL6	0.5	1	100	100		2.22	0.000	0.397	0.397	06/29/2017	11:12
7	CAL7	1	1	100	100		2.08	0.000	0.778	0.778	06/29/2017	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		2.14	0.000	0.392	0.392	0.502	06/29/2017	11:13
2	ICB		1	100	100		1.58	0.000	0.000	0.000	0.000	06/29/2017	11:14
3	CCV1	0.5	1	100	100		2.45	0.000	0.393	0.393	0.503	06/29/2017	16:00
4	CCB1		1	100	100		2.11	0.000	0.000	0.000	0.000	06/29/2017	16:00
5	PB100311BL		1	2.51	100	7.03	1.89	0.000	0.000	0.000	0.000	06/29/2017	16:01
6	PB100311BS	20	1	2.53	100	7.40	1.56	0.000	0.381	0.381	0.488	06/29/2017	16:01
7	I3930-01		1	2.51	100	7.81	2.46	0.057	0.058	0.001	0.001	06/29/2017	16:02
8	I3930-02		1	2.53	100	7.93	2.05	0.105	0.106	0.001	0.001	06/29/2017	16:02
9	I3930-03		1	2.54	100	7.42	2.40	0.030	0.030	0.000	0.000	06/29/2017	16:03
10	I3930-04		1	2.50	100	7.36	2.39	0.013	0.013	0.000	0.000	06/29/2017	16:03
11	I3930-05		1	2.51	100	7.25	2.21	0.010	0.010	0.000	0.000	06/29/2017	16:04
12	I3930-06		1	2.52	100	7.31	2.39	0.017	0.019	0.002	0.002	06/29/2017	16:04
13	I3930-07		1	2.50	100	7.08	1.54	0.039	0.039	0.000	0.000	06/29/2017	16:05
14	I3930-08		1	2.54	100	7.34	2.36	0.036	0.037	0.001	0.001	06/29/2017	16:05
15	CCV2	0.5	1	100	100		2.40	0.000	0.393	0.393	0.503	06/29/2017	16:06
16	CCB2		1	100	100		2.20	0.000	0.000	0.000	0.000	06/29/2017	16:06
17	I3930-09		1	2.53	100	7.45	1.64	0.012	0.012	0.000	0.000	06/29/2017	16:07
18	I3930-10		1	2.51	100	7.61	1.96	0.011	0.011	0.000	0.000	06/29/2017	16:07
19	I3930-11		1	2.50	100	7.30	1.58	0.013	0.013	0.000	0.000	06/29/2017	16:08
20	I3930-12		1	2.52	100	7.60	2.10	0.012	0.012	0.000	0.000	06/29/2017	16:08
21	I3930-12DUP		1	2.50	100	7.96	2.50	0.011	0.011	0.000	0.000	06/29/2017	16:09
22	I3930-12MSPre	40	2	2.54	100	7.90	2.30	0.013	0.351	0.338	0.433	06/29/2017	16:09
23	I3930-12MS2Ins	1284	40	2.50	100	7.74	1.54	0.014	0.635	0.621	0.795	06/29/2017	16:10
24	I3930-12MS3Post	40	2	2.54	100	7.32	1.77	0.014	0.360	0.346	0.443	06/29/2017	16:10
25	I3979-01		1	2.52	100	7.20	1.87	0.010	0.010	0.000	0.000	06/29/2017	16:11
26	I3979-06		1	2.54	100	7.14	2.38	0.014	0.014	0.000	0.000	06/29/2017	16:11
27	CCV3	0.5	1	100	100		2.07	0.000	0.393	0.393	0.503	06/29/2017	16:12
28	CCB3		1	100	100		2.04	0.000	0.000	0.000	0.000	06/29/2017	16:12