

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB88421

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP56015
Calibration Std. hexchrome 0.05 ppm	WP56014
5N sulfuric acid	WP55256
Calibratation STD HexaChrome 1 PPM	WP56019
Calibratation STD Hexa Chrome 0.5 PPM	WP56020
calibration std. hexchrome 0.01 ppm	WP56012
calibration std. hexchrome 0 ppm	WP56011
Hexavalent Chromium ICV Std.	WP56016
Hexavalent Chromium CCV Std	WP56017
hexavalent chromium color reagent	WP56010
HNO3 Hex-Chrome, 5M	WP55974
Calibration std Hexachrome, 0.025ppm	WP56013

Intercept: 0.0003

Slope: 0.7792

Regression: 0.999932

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	06/28/2017	12:00
2	CAL2	0.01	1	100	100		1.66	0.000	0.008	0.008	06/28/2017	12:00
3	CAL3	0.025	1	100	100		2.46	0.000	0.017	0.017	06/28/2017	12:01
4	CAL4	0.05	1	100	100		2.30	0.000	0.039	0.039	06/28/2017	12:01
5	CAL5	0.1	1	100	100		1.69	0.000	0.078	0.078	06/28/2017	12:02
6	CAL6	0.5	1	100	100		2.21	0.000	0.397	0.397	06/28/2017	12:02
7	CAL7	1	1	100	100		1.97	0.000	0.776	0.776	06/28/2017	17:03



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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		2.05	0.000	0.390	0.390	0.500	06/28/2017	12:03
2	ICB		1	100	100		1.60	0.000	0.000	0.000	0.000	06/28/2017	12:04
3	CCV1	0.5	1	100	100		2.10	0.000	0.391	0.391	0.501	06/28/2017	16:00
4	CCB1		1	100	100		1.87	0.000	0.000	0.000	0.000	06/28/2017	16:00
5	PB100238BL		1	2.51	100	7.52	1.76	0.000	0.000	0.000	0.000	06/28/2017	16:01
6	PB100238BS	20	1	2.52	100	7.31	2.31	0.000	0.385	0.385	0.494	06/28/2017	16:01
7	I3925-01		1	2.51	100	7.44	2.15	0.009	0.009	0.000	0.000	06/28/2017	16:02
8	I3926-01		1	2.50	100	7.82	2.36	0.017	0.017	0.000	0.000	06/28/2017	16:02
9	I3926-06		1	2.55	100	7.39	2.45	0.011	0.011	0.000	0.000	06/28/2017	16:03
10	I3931-01		1	2.53	100	7.21	2.04	0.008	0.008	0.000	0.000	06/28/2017	16:03
11	I3932-01		1	2.51	100	7.90	1.90	0.010	0.010	0.000	0.000	06/28/2017	16:04
12	I3947-01		1	2.53	100	7.55	2.10	0.007	0.007	0.000	0.000	06/28/2017	16:04
13	I3949-01		1	2.50	100	7.46	1.74	0.030	0.031	0.001	0.001	06/28/2017	16:05
14	I3949-07		1	2.51	100	7.20	1.56	0.036	0.036	0.000	0.000	06/28/2017	16:05
15	CCV2	0.5	1	100	100		1.60	0.000	0.393	0.393	0.504	06/28/2017	16:06
16	CCB2		1	100	100		2.10	0.000	0.000	0.000	0.000	06/28/2017	16:06
17	I3952-01		1	2.52	100	7.15	2.31	0.020	0.020	0.000	0.000	06/28/2017	16:07
18	I3959-01		1	2.54	100	7.24	2.24	0.027	0.028	0.001	0.001	06/28/2017	16:07
19	I3959-04		1	2.55	100	7.34	1.83	0.018	0.019	0.001	0.001	06/28/2017	16:08
20	I3959-07		1	2.50	100	7.77	2.45	0.025	0.025	0.000	0.000	06/28/2017	16:08
21	I3959-10		1	2.55	100	7.84	2.38	0.008	0.008	0.000	0.000	06/28/2017	16:09
22	I3959-10DUP		1	2.54	100	7.30	1.56	0.007	0.007	0.000	0.000	06/28/2017	16:09
23	I3959-10MSPre	40	2	2.51	100	7.25	2.30	0.008	0.352	0.344	0.441	06/28/2017	16:10
24	I3959-10MS2Ins	1284	40	2.50	100	7.04	2.41	0.009	0.641	0.632	0.811	06/28/2017	16:10
25	I3959-10MS3Post	40	2	2.55	100	7.64	2.48	0.008	0.360	0.352	0.451	06/28/2017	16:11
26	CCV3	0.5	1	100	100		1.63	0.000	0.393	0.393	0.504	06/28/2017	16:12
27	CCB3		1	100	100		1.84	0.000	0.000	0.000	0.000	06/28/2017	16:12