

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB88412

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
Hexavalent Chromium LCS Std	WP56018
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		2.42	0.000	0.392	0.392	0.503	06/28/2017	12:04
4	CCB1		1	100	100		1.64	0.000	0.000	0.000	0.000	06/28/2017	12:05
5	PB100215BL		1	2.55	100	7.61	2.15	0.000	0.000	0.000	0.000	06/28/2017	12:05
6	PB100215BS	20	1	2.51	100	7.35	1.88	0.000	0.378	0.378	0.485	06/28/2017	12:06
7	I3882-01		1	2.51	100	7.21	1.63	0.009	0.009	0.000	0.000	06/28/2017	12:06
8	I3882-02		1	2.50	100	7.39	2.37	0.010	0.010	0.000	0.000	06/28/2017	12:07
9	I3882-03		1	2.52	100	7.41	2.40	0.007	0.007	0.000	0.000	06/28/2017	12:07
10	I3882-04		1	2.51	100	7.13	1.76	0.011	0.011	0.000	0.000	06/28/2017	12:08
11	I3882-05		1	2.50	100	7.08	2.25	0.006	0.006	0.000	0.000	06/28/2017	12:08
12	I3882-05DUP		1	2.53	100	7.91	1.64	0.005	0.005	0.000	0.000	06/28/2017	12:09
13	I3882-05MSPre	40	2	2.52	100	7.70	2.31	0.007	0.352	0.345	0.442	06/28/2017	12:09
14	I3882-05MS2Ins	1284	40	2.50	100	7.31	2.21	0.007	0.633	0.626	0.803	06/28/2017	12:10
15	CCV2	0.5	1	100	100		1.77	0.000	0.392	0.392	0.503	06/28/2017	12:11
16	CCB2		1	100	100		1.63	0.000	0.000	0.000	0.000	06/28/2017	12:11
17	I3882-05MS3Post	40	2	2.53	100	7.25	2.41	0.008	0.364	0.356	0.456	06/28/2017	12:12
18	I3882-06		1	2.55	100	7.64	1.78	0.008	0.008	0.000	0.000	06/28/2017	12:12
19	I3882-07		1	2.52	100	7.61	1.56	0.011	0.011	0.000	0.000	06/28/2017	12:13
20	I3882-08		1	2.54	100	7.22	2.24	0.037	0.038	0.001	0.001	06/28/2017	12:13
21	I3882-09		1	2.55	100	7.61	2.31	0.012	0.013	0.001	0.001	06/28/2017	12:14
22	I3882-10		1	2.53	100	7.88	2.53	0.018	0.018	0.000	0.000	06/28/2017	12:14
23	I3882-11		1	2.52	100	7.48	1.64	0.013	0.013	0.000	0.000	06/28/2017	12:15
24	I3882-12		1	2.51	100	7.20	1.59	0.009	0.009	0.000	0.000	06/28/2017	12:15
25	I3882-13		1	2.53	100	7.68	2.08	0.012	0.013	0.001	0.001	06/28/2017	12:16
26	I3882-14		1	2.50	100	7.80	2.33	0.018	0.019	0.001	0.001	06/28/2017	12:16
27	CCV3	0.5	1	100	100		1.76	0.000	0.393	0.393	0.504	06/28/2017	12:17
28	CCB3		1	100	100		1.62	0.000	0.000	0.000	0.000	06/28/2017	12:17