

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB88155

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP55707
Calibration Std. hexchrome 0.05 ppm	WP55706
5N sulfuric acid	WP55256
Calibratation STD HexaChrome 1 PPM	WP55709
Calibratation STD Hexa Chrome 0.5 PPM	WP55708
calibration std. hexchrome 0.01 ppm	WP55704
calibration std. hexchrome 0 ppm	WP55703
Hexavalent Chromium ICV Std.	WP55710
Hexavalent Chromium CCV Std	WP55711
hexavalent chromium color reagent	WP55669
HNO3 Hex-Chrome, 5M	WP53205
Calibration std Hexachrome, 0.025ppm	WP55705

Intercept: 0.0003

Slope: 0.7805

Regression: 0.999959

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		2.13	0.000	0.000	0.000	06/16/2017	16:00
2	CAL2	0.01	1	100	100		1.80	0.000	0.007	0.007	06/16/2017	16:00
3	CAL3	0.025	1	100	100		1.72	0.000	0.018	0.018	06/16/2017	16:01
4	CAL4	0.05	1	100	100		2.40	0.000	0.039	0.039	06/16/2017	16:01
5	CAL5	0.1	1	100	100		1.65	0.000	0.079	0.079	06/16/2017	16:02
6	CAL6	0.5	1	100	100		2.27	0.000	0.396	0.396	06/16/2017	16:02
7	CAL7	1	1	100	100		2.33	0.000	0.778	0.778	06/16/2017	16:03



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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		1.84	0.000	0.393	0.393	0.503	06/16/2017	16:03
2	ICB		1	100	100		2.30	0.000	0.000	0.000	0.000	06/16/2017	16:04
3	CCV1	0.5	1	100	100		2.25	0.000	0.394	0.394	0.504	06/16/2017	16:04
4	CCB1		1	100	100		1.88	0.000	0.000	0.000	0.000	06/16/2017	16:05
5	PB99863BL		1	2.55	100	7.25	2.05	0.000	0.000	0.000	0.000	06/16/2017	16:05
6	PB99863BS	20	1	2.52	100	7.04	1.97	0.000	0.391	0.391	0.501	06/16/2017	16:06
7	I3684-01		1	2.50	100	7.86	2.43	0.013	0.013	0.000	0.000	06/16/2017	16:06
8	I3684-05		1	2.54	100	7.34	2.07	0.008	0.008	0.000	0.000	06/16/2017	16:07
9	I3684-05DUP		1	2.51	100	7.22	1.77	0.007	0.007	0.000	0.000	06/16/2017	16:07
10	I3684-05MSPre	40	2	2.50	100	7.71	1.58	0.009	0.372	0.363	0.465	06/16/2017	16:08
11	I3684-05MS2Ins	1284	40	2.52	100	7.35	2.11	0.010	0.640	0.630	0.807	06/16/2017	16:08
12	I3684-05MS3Post	40	2	2.53	100	7.18	2.27	0.011	0.385	0.374	0.479	06/16/2017	16:09
13	I3689-01		1	2.51	100	7.10	1.73	0.035	0.036	0.001	0.001	06/16/2017	16:09
14	I3689-08		1	2.50	100	7.90	1.59	0.095	0.097	0.002	0.002	06/16/2017	16:10
15	CCV2	0.5	1	100	100		2.07	0.000	0.394	0.394	0.504	06/16/2017	16:10
16	CCB2		1	100	100		2.38	0.000	0.000	0.000	0.000	06/16/2017	16:11
17	I3693-01		1	2.55	100	7.06	2.42	0.009	0.009	0.000	0.000	06/16/2017	16:11
18	I3693-04		1	2.51	100	7.34	2.36	0.011	0.011	0.000	0.000	06/16/2017	16:12
19	I3693-07		1	2.53	100	7.18	1.76	0.021	0.021	0.000	0.000	06/16/2017	16:12
20	I3693-10		1	2.54	100	7.33	1.66	0.015	0.016	0.001	0.001	06/16/2017	16:13
21	I3694-01		1	2.55	100	7.74	2.29	0.031	0.032	0.001	0.001	06/16/2017	16:13
22	I3694-04		1	2.50	100	7.82	2.21	0.040	0.043	0.003	0.003	06/16/2017	16:14
23	I3694-07		1	2.51	100	7.75	1.54	0.038	0.039	0.001	0.001	06/16/2017	16:14
24	I3695-01		1	2.53	100	7.14	2.30	0.020	0.022	0.002	0.002	06/16/2017	16:15
25	I3696-01		1	2.52	100	7.20	1.71	0.027	0.029	0.002	0.002	06/16/2017	16:15
26	I3715-01		1	2.50	100	7.83	2.44	0.016	0.016	0.000	0.000	06/16/2017	16:16
27	CCV3	0.5	1	100	100		2.49	0.000	0.395	0.395	0.506	06/16/2017	16:16
28	CCB3		1	100	100		2.30	0.000	0.000	0.000	0.000	06/16/2017	16:16
29	I3715-08		1	2.55	100	7.40	1.55	0.012	0.012	0.000	0.000	06/16/2017	16:17
30	CCV4	0.5	1	100	100		1.64	0.000	0.395	0.395	0.506	06/16/2017	16:17
31	CCB4		1	100	100		1.92	0.000	0.000	0.000	0.000	06/16/2017	16:18