

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB87539

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP55012
Calibration Std. hexchrome 0.05 ppm	WP55011
5N sulfuric acid	WP53540
Calibratation STD HexaChrome 1 PPM	WP55014
Calibratation STD Hexa Chrome 0.5 PPM	WP55013
calibration std. hexchrome 0.01 ppm	WP55009
calibration std. hexchrome 0 ppm	WP55008
Hexavalent Chromium ICV Std.	WP55015
Hexavalent Chromium CCV Std	WP55016
hexavalent chromium color reagent	WP54955
HNO3 Hex-Chrome, 5M	WP53205
Calibration std Hexachrome, 0.025ppm	WP55010

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		2.49	0.000	0.000	0.000	05/18/2017	14:00
2	CAL2	0.01	1	100	100		1.56	0.000	0.007	0.007	05/18/2017	14:00
3	CAL3	0.025	1	100	100		1.93	0.000	0.018	0.018	05/18/2017	14:01
4	CAL4	0.05	1	100	100		2.20	0.000	0.039	0.039	05/18/2017	14:01
5	CAL5	0.1	1	100	100		2.36	0.000	0.079	0.079	05/18/2017	14:02
6	CAL6	0.5	1	100	100		2.17	0.000	0.396	0.396	05/18/2017	14:02
7	CAL7	1	1	100	100		1.80	0.000	0.778	0.778	05/18/2017	14:03



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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		1.77	0.000	0.390	0.390	0.499	05/18/2017	14:03
2	ICB		1	100	100		1.84	0.000	0.000	0.000	0.000	05/18/2017	14:04
3	CCV1	0.5	1	100	100		2.29	0.000	0.392	0.392	0.502	05/18/2017	14:04
4	CCB1		1	100	100		2.20	0.000	0.000	0.000	0.000	05/18/2017	14:05
5	PB99056BL		1	2.55	100	7.18	2.39	0.000	0.000	0.000	0.000	05/18/2017	14:05
6	PB99056BS	20	1	2.54	100	7.49	2.41	0.000	0.374	0.374	0.479	05/18/2017	14:06
7	I3172-01		1	2.52	100	7.20	2.05	0.021	0.021	0.000	0.000	05/18/2017	14:06
8	I3172-02		1	2.51	100	7.86	2.36	0.022	0.022	0.000	0.000	05/18/2017	14:07
9	I3172-03		1	2.53	100	7.70	2.07	0.016	0.016	0.000	0.000	05/18/2017	14:07
10	I3182-01		1	2.50	100	7.13	1.92	0.009	0.009	0.000	0.000	05/18/2017	14:08
11	I3182-01DUP		1	2.51	100	7.05	1.81	0.011	0.011	0.000	0.000	05/18/2017	14:08
12	I3182-01MSPre	40	2	2.52	100	7.52	2.23	0.008	0.107	0.099	0.126	05/18/2017	14:09
13	I3182-01MS2Ins	1284	40	2.55	100	7.93	2.14	0.010	0.615	0.605	0.775	05/18/2017	14:09
14	I3182-01MS3Post	40	2	2.53	100	7.81	2.27	0.012	0.189	0.177	0.226	05/18/2017	14:10
15	CCV2	0.5	1	100	100		2.40	0.000	0.392	0.392	0.502	05/18/2017	14:10
16	CCB2		1	100	100		1.88	0.000	0.000	0.000	0.000	05/18/2017	14:11
17	I3182-07		1	2.54	100	7.88	1.70	0.010	0.010	0.000	0.000	05/18/2017	14:11
18	I3182-13		1	2.50	100	7.43	1.59	0.006	0.006	0.000	0.000	05/18/2017	14:12
19	I3187-01		1	2.51	100	7.30	2.33	0.044	0.045	0.001	0.001	05/18/2017	14:12
20	I3188-01		1	2.55	100	7.25	2.36	0.012	0.012	0.000	0.000	05/18/2017	14:13
21	I3189-01		1	2.53	100	7.62	2.44	0.008	0.008	0.000	0.000	05/18/2017	14:13
22	I3189-06		1	2.50	100	7.26	2.10	0.004	0.005	0.001	0.001	05/18/2017	14:14
23	I3207-01		1	2.51	100	7.15	2.19	0.006	0.007	0.001	0.001	05/18/2017	14:14
24	I3207-05		1	2.52	100	7.21	1.96	0.011	0.011	0.000	0.000	05/18/2017	14:15
25	CCV3	0.5	1	100	100		1.47	0.000	0.393	0.393	0.503	05/18/2017	14:15
26	CCB3		1	100	100		1.77	0.000	0.000	0.000	0.000	05/18/2017	14:16