

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB91513

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP59551
Calibration Std. hexchrome 0.05 ppm	WP59550
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP59553
Calibratation STD Hexa Chrome 0.5 PPM	WP59552
calibration std. hexchrome 0.01 ppm	WP59548
calibration std. hexchrome 0 ppm	WP59547
Hexavalent Chromium ICV Std.	WP59554
Hexavalent Chromium CCV Std	WP59555
hexavalent chromium color reagent	WP59409
HNO3 Hex-Chrome, 5M	WP58774
Calibration std Hexachrome, 0.025ppm	WP59549

Intercept: -0.0002

Slope: 0.7735

Regression: 0.999993

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		2.04	0.000	0.000	0.000	11/10/2017	13:00
2	CAL2	0.01	1	100	100		1.97	0.000	0.008	0.008	11/10/2017	13:00
3	CAL3	0.025	1	100	100		1.68	0.000	0.018	0.018	11/10/2017	13:01
4	CAL4	0.05	1	100	100		2.28	0.000	0.037	0.037	11/10/2017	13:01
5	CAL5	0.1	1	100	100		2.34	0.000	0.079	0.079	11/10/2017	13:02
6	CAL6	0.5	1	100	100		2.40	0.000	0.387	0.387	11/10/2017	13:02
7	CAL7	1	1	100	100		1.79	0.000	0.773	0.773	11/10/2017	13:03



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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	0.389	0.389	0.503	11/10/2017	13:03
2	ICB		1	100	100		1.59	0.000	0.000	0.000	0.000	11/10/2017	13:04
3	CCV1	0.5	1	100	100		1.77	0.000	0.390	0.390	0.504	11/10/2017	13:04
4	CCB1		1	100	100		2.36	0.000	0.000	0.000	0.000	11/10/2017	13:05
5	PB104157BL		1	2.50	100	7.20	2.21	0.000	0.000	0.000	0.000	11/10/2017	13:05
6	PB104157BS	20	1	2.51	100	7.33	2.38	0.000	0.366	0.366	0.473	11/10/2017	13:06
7	I6301-01		1	2.54	100	7.51	1.66	0.004	0.004	0.000	0.000	11/10/2017	13:06
8	I6301-03		1	2.55	100	7.79	1.97	0.002	0.002	0.000	0.000	11/10/2017	13:07
9	I6301-05		1	2.50	100	7.60	2.08	0.003	0.003	0.000	0.000	11/10/2017	13:07
10	I6301-07		1	2.51	100	7.13	1.79	0.010	0.010	0.000	0.000	11/10/2017	13:08
11	I6301-09		1	2.53	100	7.68	1.69	0.007	0.007	0.000	0.000	11/10/2017	13:08
12	I6301-11		1	2.50	100	7.91	2.40	0.011	0.011	0.000	0.000	11/10/2017	13:09
13	I6301-13		1	2.51	100	7.88	2.05	0.008	0.008	0.000	0.000	11/10/2017	13:09
14	I6301-15		1	2.55	100	7.22	2.15	0.005	0.005	0.000	0.000	11/10/2017	13:10
15	CCV2	0.5	1	100	100		1.66	0.000	0.390	0.390	0.504	11/10/2017	13:10
16	CCB2		1	100	100		1.80	0.000	0.000	0.000	0.000	11/10/2017	13:11
17	I6396-01		1	2.50	100	7.14	1.77	0.006	0.006	0.000	0.000	11/10/2017	13:11
18	I6396-01DUP		1	2.52	100	7.66	2.08	0.005	0.005	0.000	0.000	11/10/2017	13:12
19	I6396-01MSPre	40	2	2.53	100	7.71	1.77	0.008	0.355	0.347	0.449	11/10/2017	13:12
20	I6396-01MS2Ins	1284	40	2.55	100	7.36	1.90	0.007	0.601	0.594	0.768	11/10/2017	13:13
21	I6396-01MS3Post	40	2	2.53	100	7.22	1.57	0.009	0.358	0.349	0.451	11/10/2017	13:13
22	I6396-05		1	2.50	100	7.04	2.33	0.013	0.026	0.013	0.017	11/10/2017	13:14
23	I6396-09		1	2.53	100	7.39	2.07	0.008	0.027	0.019	0.025	11/10/2017	13:14
24	I6399-06		1	2.52	100	7.63	1.71	0.021	0.021	0.000	0.000	11/10/2017	13:15
25	I6399-11		1	2.54	100	7.55	1.94	0.024	0.024	0.000	0.000	11/10/2017	13:15
26	I6399-17		1	2.55	100	7.69	2.30	0.018	0.018	0.000	0.000	11/10/2017	13:16
27	CCV3	0.5	1	100	100		2.21	0.000	0.390	0.390	0.504	11/10/2017	13:16
28	CCB3		1	100	100		1.76	0.000	0.000	0.000	0.000	11/10/2017	13:17
29	I6399-22		1	2.52	100	7.31	1.80	0.016	0.016	0.000	0.000	11/10/2017	13:17
30	CCV4	0.5	1	100	100		2.01	0.000	0.391	0.391	0.506	11/10/2017	13:18
31	CCB4		1	100	100		2.22	0.000	0.000	0.000	0.000	11/10/2017	13:18