

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB88343

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP55909
Calibration Std. hexchrome 0.05 ppm	WP55908
Hexavalent Chromium LCS Std	WP55914
Calibratation STD HexaChrome 1 PPM	WP55911
Calibratation STD Hexa Chrome 0.5 PPM	WP55910
calibration std. hexchrome 0.01 ppm	WP55906
calibration std. hexchrome 0 ppm	WP55905
Hexavalent Chromium ICV Std.	WP55912
Hexavalent Chromium CCV Std	WP55913
hexavalent chromium color reagent	WP55833
HNO3 Hex-Chrome, 5M	WP53205
Calibration std Hexachrome, 0.025ppm	WP55907

Intercept: 0.0005

Slope: 0.779

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		1.91	0.000	0.000	0.000	06/25/2017	13:01
2	CAL2	0.01	1	100	100		1.58	0.000	0.008	0.008	06/25/2017	13:01
3	CAL3	0.025	1	100	100		2.34	0.000	0.017	0.017	06/25/2017	13:02
4	CAL4	0.05	1	100	100		1.69	0.000	0.039	0.039	06/25/2017	13:02
5	CAL5	0.1	1	100	100		2.47	0.000	0.079	0.079	06/25/2017	13:03
6	CAL6	0.5	1	100	100		2.21	0.000	0.397	0.397	06/25/2017	13:03
7	CAL7	1	1	100	100		2.08	0.000	0.776	0.776	06/25/2017	13:04



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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		2.11	0.000	0.389	0.389	0.499	06/25/2017	13:04
2	ICB		1	100	100		2.46	0.000	0.000	0.000	-0.001	06/25/2017	13:05
3	CCV1	0.5	1	100	100		1.98	0.000	0.390	0.390	0.500	06/25/2017	17:20
4	CCB1		1	100	100		2.04	0.000	0.000	0.000	-0.001	06/25/2017	17:20
5	PB100139BL		1	2.54	100	7.33	2.10	0.000	0.000	0.000	-0.001	06/25/2017	17:21
6	PB100139BS	20	1	2.50	100	7.21	1.76	0.000	0.359	0.359	0.460	06/25/2017	17:21
7	I3852-01		1	2.53	100	7.39	1.58	0.000	0.018	0.018	0.022	06/25/2017	17:22
8	I3852-02		1	2.55	100	7.78	2.13	0.004	0.004	0.000	-0.001	06/25/2017	17:22
9	I3852-02DUP		1	2.51	100	7.10	2.48	0.005	0.005	0.000	-0.001	06/25/2017	17:23
10	I3852-02MSPre	40	2	2.50	100	7.39	1.57	0.006	0.102	0.096	0.123	06/25/2017	17:23
11	I3852-02MS2Ins	1284	40	2.53	100	7.30	1.66	0.005	0.628	0.623	0.799	06/25/2017	17:24
12	I3852-02MS3Post	40	2	2.50	100	7.89	2.27	0.007	0.139	0.132	0.169	06/25/2017	17:24
13	I3852-03		1	2.55	100	7.10	2.20	0.009	0.009	0.000	-0.001	06/25/2017	17:25
14	I3852-04		1	2.54	100	7.16	1.83	0.018	0.018	0.000	-0.001	06/25/2017	17:25
15	CCV2	0.5	1	100	100		1.99	0.000	0.391	0.391	0.501	06/25/2017	17:26
16	CCB2		1	100	100		2.39	0.000	0.000	0.000	-0.001	06/25/2017	17:26
17	I3852-05		1	2.50	100	7.31	2.25	0.013	0.014	0.001	0.001	06/25/2017	17:27
18	I3852-06		1	2.55	100	7.28	2.14	0.016	0.016	0.000	-0.001	06/25/2017	17:27
19	I3852-07		1	2.53	100	7.55	1.90	0.011	0.011	0.000	-0.001	06/25/2017	17:28
20	I3852-08		1	2.51	100	7.21	2.47	0.006	0.017	0.011	0.013	06/25/2017	17:28
21	I3852-09		1	2.52	100	7.09	2.04	0.012	0.014	0.002	0.002	06/25/2017	17:29
22	I3852-10		1	2.50	100	7.44	1.77	0.023	0.024	0.001	0.001	06/25/2017	17:29
23	I3852-11		1	2.55	100	7.39	1.63	0.013	0.013	0.000	-0.001	06/25/2017	17:30
24	I3852-12		1	2.54	100	7.12	2.39	0.010	0.010	0.000	-0.001	06/25/2017	17:30
25	I3852-13		1	2.53	100	7.35	2.44	0.008	0.008	0.000	-0.001	06/25/2017	17:31
26	I3852-14		1	2.50	100	7.40	2.25	0.006	0.007	0.001	0.001	06/25/2017	17:31
27	CCV3	0.5	1	100	100		2.10	0.000	0.391	0.391	0.501	06/25/2017	17:32
28	CCB3		1	100	100		2.05	0.000	0.000	0.000	-0.001	06/25/2017	17:32
29	I3852-15		1	2.52	100	7.39	2.25	0.014	0.014	0.000	-0.001	06/25/2017	17:33
30	I3852-16		1	2.55	100	7.91	1.76	0.012	0.013	0.001	0.001	06/25/2017	17:33
31	I3852-17		1	2.52	100	7.69	1.63	0.007	0.007	0.000	-0.001	06/25/2017	17:34
32	I3852-18		1	2.51	100	7.30	1.88	0.005	0.006	0.001	0.001	06/25/2017	17:34
33	CCV4	0.5	1	100	100		2.34	0.000	0.392	0.392	0.503	06/25/2017	17:35
34	CCB4		1	100	100		1.59	0.000	0.000	0.000	-0.001	06/25/2017	17:35