

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB88247

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP55814
Calibration Std. hexchrome 0.05 ppm	WP55813
5N sulfuric acid	WP55256
Calibratation STD HexaChrome 1 PPM	WP55816
Calibratation STD Hexa Chrome 0.5 PPM	WP55815
calibration std. hexchrome 0.01 ppm	WP55811
calibration std. hexchrome 0 ppm	WP55810
Hexavalent Chromium ICV Std.	WP55817
Hexavalent Chromium CCV Std	WP55818
hexavalent chromium color reagent	WP55833
HNO3 Hex-Chrome, 5M	WP53205
Calibration std Hexachrome, 0.025ppm	WP55812

Intercept: 0.0001

Slope: 0.7807

Regression: 0.999956

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	06/21/2017	12:01
2	CAL2	0.01	1	100	100		1.90	0.000	0.006	0.006	06/21/2017	12:01
3	CAL3	0.025	1	100	100		2.44	0.000	0.018	0.018	06/21/2017	12:02
4	CAL4	0.05	1	100	100		1.75	0.000	0.039	0.039	06/21/2017	12:02
5	CAL5	0.1	1	100	100		2.36	0.000	0.079	0.079	06/21/2017	12:03
6	CAL6	0.5	1	100	100		2.08	0.000	0.396	0.396	06/21/2017	12:03
7	CAL7	1	1	100	100		1.54	0.000	0.778	0.778	06/21/2017	12:04



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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	0.498	06/21/2017	12:04
2	ICB		1	100	100		2.47	0.000	0.000	0.000	0.000	06/21/2017	12:05
3	CCV1	0.5	1	100	100		1.86	0.000	0.390	0.390	0.499	06/21/2017	12:05
4	CCB1		1	100	100		1.58	0.000	0.000	0.000	0.000	06/21/2017	12:06
5	PB99994BL		1	2.55	100	7.23	2.29	0.000	0.000	0.000	0.000	06/21/2017	12:06
6	PB99994BS	20	1	2.50	100	7.50	1.85	0.000	0.387	0.387	0.496	06/21/2017	12:07
7	I3757-01		1	2.51	100	7.42	2.12	0.000	0.010	0.010	0.013	06/21/2017	12:07
8	I3757-02		1	2.53	100	7.88	1.66	0.000	0.017	0.017	0.022	06/21/2017	12:08
9	I3775-02		1	2.51	100	7.91	2.30	0.011	0.012	0.001	0.001	06/21/2017	12:08
10	I3775-02DUP		1	2.53	100	7.36	2.37	0.009	0.010	0.001	0.001	06/21/2017	12:09
11	I3775-03Pre	40	2	2.52	100	7.14	2.24	0.014	0.104	0.090	0.115	06/21/2017	12:09
12	I3775-032Ins	1284	40	2.54	100	7.05	1.88	0.013	0.639	0.626	0.802	06/21/2017	12:10
13	I3775-033Post	40	2	2.55	100	7.32	1.93	0.015	0.256	0.241	0.309	06/21/2017	12:10
14	I3775-04	40	2	2.52	100	7.14	2.24	0.014	0.104	0.090	0.115	06/21/2017	12:11
15	CCV2	0.5	1	100	100		2.42	0.000	0.390	0.390	0.499	06/21/2017	12:11
16	CCB2		1	100	100		2.36	0.000	0.000	0.000	0.000	06/21/2017	12:12
17	I3775-05		1	2.51	100	7.40	1.77	0.024	0.025	0.001	0.001	06/21/2017	12:12
18	I3775-08		1	2.53	100	7.55	1.75	0.039	0.040	0.001	0.001	06/21/2017	12:13
19	I3784-01		1	2.52	100	7.86	2.36	0.077	0.077	0.000	0.000	06/21/2017	12:13
20	I3784-03		1	2.53	100	7.41	2.28	0.085	0.085	0.000	0.000	06/21/2017	12:14
21	I3784-05		1	2.51	100	7.20	1.63	0.127	0.128	0.001	0.001	06/21/2017	12:14
22	I3792-01		1	2.50	100	7.12	2.41	0.012	0.012	0.000	0.000	06/21/2017	12:15
23	I3800-01		1	2.52	100	7.33	1.91	0.004	0.004	0.000	0.000	06/21/2017	12:15
24	I3802-01		1	2.50	100	7.60	1.52	0.024	0.025	0.001	0.001	06/21/2017	12:16
25	CCV3	0.5	1	100	100		2.11	0.000	0.391	0.391	0.501	06/21/2017	12:16
26	CCB3		1	100	100		2.38	0.000	0.000	0.000	0.000	06/21/2017	12:17