

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB88197

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP55760
Calibration Std. hexchrome 0.05 ppm	WP55759
5N sulfuric acid	WP55256
Calibratation STD HexaChrome 1 PPM	WP55762
Calibratation STD Hexa Chrome 0.5 PPM	WP55761
calibration std. hexchrome 0.01 ppm	WP55757
calibration std. hexchrome 0 ppm	WP55756
Hexavalent Chromium ICV Std.	WP55763
Hexavalent Chromium CCV Std	WP55764
hexavalent chromium color reagent	WP55669
HNO3 Hex-Chrome, 5M	WP53205
Calibration std Hexachrome, 0.025ppm	WP55758

Intercept: 0.0365

Slope: 0.7455

Regression: 0.966261

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		2.42	0.000	0.000	0.000	06/19/2017	12:11
2	CAL2	0.01	1	100	100		2.30	0.000	0.006	0.006	06/19/2017	12:12
3	CAL3	0.025	1	100	100		1.80	0.000	0.017	0.017	06/19/2017	12:13
4	CAL4	0.05	1	100	100		2.23	0.000	0.039	0.039	06/19/2017	12:12
5	CAL5	0.1	1	100	100		1.75	0.000	0.279	0.279	06/19/2017	12:13
6	CAL6	0.5	1	100	100		1.59	0.000	0.396	0.396	06/19/2017	12:13
7	CAL7	1	1	100	100		2.31	0.000	0.775	0.775	06/19/2017	12:14



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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		2.14	0.000	0.389	0.389	0.473	06/19/2017	12:14
2	ICB		1	100	100		1.78	0.000	0.000	0.000	-0.049	06/19/2017	12:15
3	CCV1	0.5	1	100	100		2.04	0.000	0.391	0.391	0.476	06/19/2017	12:15
4	CCB1		1	100	100		2.38	0.000	0.000	0.000	-0.049	06/19/2017	12:16
5	PB99900BL		1	2.51	100	7.31	1.52	0.000	0.000	0.000	-0.049	06/19/2017	12:16
6	PB99900BS	20	1	2.50	100	7.92	1.61	0.000	0.369	0.369	0.446	06/19/2017	12:17
7	I3736-01		1	2.50	100	7.86	1.79	0.006	0.006	0.000	-0.049	06/19/2017	12:17
8	I3736-02		1	2.51	100	7.44	2.28	0.004	0.004	0.000	-0.049	06/19/2017	12:18
9	I3736-03		1	2.54	100	7.30	2.30	0.009	0.009	0.000	-0.049	06/19/2017	12:18
10	I3736-03DUP		1	2.52	100	7.46	1.72	0.010	0.010	0.000	-0.049	06/19/2017	12:19
11	I3736-03MSPre	40	2	2.55	100	7.75	2.44	0.011	0.181	0.170	0.179	06/19/2017	12:19
12	I3736-03MS2Ins	1284	40	2.51	100	7.92	2.31	0.012	0.612	0.600	0.756	06/19/2017	12:20
13	I3736-03MS3Post	40	2	2.52	100	7.15	2.08	0.012	0.230	0.218	0.243	06/19/2017	12:20
14	I3736-04		1	2.54	100	7.25	1.95	0.012	0.012	0.000	-0.049	06/19/2017	12:21
15	CCV2	0.5	1	100	100		2.07	0.000	0.391	0.391	0.476	06/19/2017	12:21
16	CCB2		1	100	100		1.80	0.000	0.000	0.000	-0.049	06/19/2017	12:22
17	I3736-05		1	2.50	100	7.21	2.33	0.015	0.015	0.000	-0.049	06/19/2017	12:22
18	I3736-06		1	2.55	100	7.46	2.41	0.013	0.013	0.000	-0.049	06/19/2017	12:13
19	I3736-07		1	2.50	100	7.31	1.71	0.022	0.023	0.001	-0.048	06/19/2017	12:23
20	I3736-08		1	2.51	100	7.05	1.84	0.016	0.016	0.000	-0.049	06/19/2017	12:24
21	I3736-09		1	2.52	100	7.14	2.33	0.018	0.018	0.000	-0.049	06/19/2017	12:24
22	I3736-10		1	2.53	100	7.78	2.46	0.013	0.013	0.000	-0.049	06/19/2017	12:25
23	I3736-11		1	2.50	100	7.67	1.64	0.026	0.027	0.001	-0.048	06/19/2017	12:25
24	I3736-12		1	2.52	100	7.96	1.79	0.020	0.021	0.001	-0.048	06/19/2017	12:26
25	I3762-01		1	2.55	100	7.39	2.34	0.013	0.014	0.001	-0.048	06/19/2017	12:26
26	CCV3	0.5	1	100	100		2.29	0.000	0.392	0.392	0.477	06/19/2017	12:27
27	CCB3		1	100	100		1.55	0.000	0.000	0.000	-0.049	06/19/2017	12:27