

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB88171

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP55724
Calibration Std. hexchrome 0.05 ppm	WP55723
5N sulfuric acid	WP55256
Calibratation STD HexaChrome 1 PPM	WP55726
Calibratation STD Hexa Chrome 0.5 PPM	WP55725
calibration std. hexchrome 0.01 ppm	WP55721
calibration std. hexchrome 0 ppm	WP55720
Hexavalent Chromium ICV Std.	WP55727
Hexavalent Chromium CCV Std	WP55729
hexavalent chromium color reagent	WP55669
HNO3 Hex-Chrome, 5M	WP53205
Calibration std Hexachrome, 0.025ppm	WP55722

Intercept: 0.0006

Slope: 0.7784

Regression: 0.999949

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		2.80	0.000	0.000	0.000	06/17/2017	12:20
2	CAL2	0.01	1	100	100		2.13	0.000	0.008	0.008	06/17/2017	12:20
3	CAL3	0.025	1	100	100		1.96	0.000	0.018	0.018	06/17/2017	12:21
4	CAL4	0.05	1	100	100		2.44	0.000	0.039	0.039	06/17/2017	12:21
5	CAL5	0.1	1	100	100		2.17	0.000	0.079	0.079	06/17/2017	12:22
6	CAL6	0.5	1	100	100		1.81	0.000	0.396	0.396	06/17/2017	12:22
7	CAL7	1	1	100	100		2.35	0.000	0.776	0.776	06/17/2017	12:23



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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		2.22	0.000	0.393	0.393	0.504	06/17/2017	12:23
2	ICB		1	100	100		2.01	0.000	0.000	0.000	-0.001	06/17/2017	12:24
3	CCV1	0.5	1	100	100		1.88	0.000	0.394	0.394	0.505	06/17/2017	15:02
4	CCB1		1	100	100		2.36	0.000	0.000	0.000	-0.001	06/17/2017	15:02
5	PB99885BL		1	2.51	100	7.80	2.25	0.000	0.000	0.000	-0.001	06/17/2017	15:03
6	PB99885BS	20	1	2.52	100	7.77	1.72	0.000	0.389	0.389	0.499	06/17/2017	15:03
7	I3697-01		1	2.51	100	7.23	1.60	0.006	0.035	0.029	0.036	06/17/2017	15:04
8	I3697-01DUP		1	2.53	100	7.41	2.30	0.007	0.037	0.030	0.038	06/17/2017	15:04
9	I3697-01MSPre	40	2	2.54	100	7.02	2.47	0.005	0.353	0.348	0.446	06/17/2017	15:05
10	I3697-01MS2Ins	1284	40	2.51	100	7.25	1.73	0.007	0.622	0.615	0.789	06/17/2017	15:05
11	I3697-01MS3Post	40	2	2.55	100	7.36	1.84	0.008	0.371	0.363	0.466	06/17/2017	15:06
12	I3697-03		1	2.54	100	7.44	2.37	0.009	0.028	0.019	0.024	06/17/2017	15:06
13	I3697-05		1	2.53	100	7.65	2.29	0.010	0.010	0.000	-0.001	06/17/2017	15:07
14	I3698-01		1	2.55	100	7.21	1.91	0.006	0.007	0.001	0.001	06/17/2017	15:07
15	CCV2	0.5	1	100	100		1.83	0.000	0.394	0.394	0.505	06/17/2017	15:08
16	CCB2		1	100	100		1.65	0.000	0.000	0.000	-0.001	06/17/2017	15:08
17	I3703-01		1	2.52	100	7.04	2.26	0.008	0.008	0.000	-0.001	06/17/2017	15:09
18	I3743-01		1	2.50	100	7.30	2.35	0.014	0.014	0.000	-0.001	06/17/2017	15:09
19	I3743-03		1	2.55	100	7.14	2.10	0.016	0.016	0.000	-0.001	06/17/2017	15:10
20	I3743-05		1	2.50	100	7.22	2.24	0.019	0.020	0.001	0.001	06/17/2017	15:10
21	I3745-01		1	2.55	100	7.09	2.13	0.002	0.003	0.001	0.001	06/17/2017	15:11
22	I3745-03		1	2.51	100	7.14	1.90	0.009	0.009	0.000	-0.001	06/17/2017	15:11
23	I3749-01		1	2.54	100	7.23	1.58	0.024	0.025	0.001	0.001	06/17/2017	15:12
24	I3749-02		1	2.50	100	7.14	2.40	0.009	0.009	0.000	-0.001	06/17/2017	15:12
25	I3759-01		1	2.52	100	7.23	2.48	0.008	0.008	0.000	-0.001	06/17/2017	15:13
26	CCV3	0.5	1	100	100		1.77	0.000	0.394	0.394	0.505	06/17/2017	15:13
27	CCB3		1	100	100		1.63	0.000	0.000	0.000	-0.001	06/17/2017	15:14