

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB88205

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP55769
Calibration Std. hexchrome 0.05 ppm	WP55768
5N sulfuric acid	WP55256
Calibratation STD HexaChrome 1 PPM	WP55771
Calibratation STD Hexa Chrome 0.5 PPM	WP55770
calibration std. hexchrome 0.01 ppm	WP55767
calibration std. hexchrome 0 ppm	WP55766
Hexavalent Chromium ICV Std.	WP55772
Hexavalent Chromium CCV Std	WP55773
hexavalent chromium color reagent	WP55669
HNO3 Hex-Chrome, 5M	WP53205
Calibration std Hexachrome, 0.025ppm	WP55775

Intercept: 0.0003

Slope: 0.7805

Regression: 0.999959

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		1.94	0.000	0.000	0.000	06/20/2017	12:11
2	CAL2	0.01	1	100	100		2.15	0.000	0.007	0.007	06/20/2017	12:11
3	CAL3	0.025	1	100	100		2.33	0.000	0.018	0.018	06/20/2017	12:12
4	CAL4	0.05	1	100	100		1.80	0.000	0.039	0.039	06/20/2017	12:12
5	CAL5	0.1	1	100	100		2.30	0.000	0.079	0.079	06/20/2017	12:13
6	CAL6	0.5	1	100	100		2.17	0.000	0.396	0.396	06/20/2017	12:13
7	CAL7	1	1	100	100		2.36	0.000	0.778	0.778	06/20/2017	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		1.54	0.000	0.390	0.390	0.499	06/20/2017	12:14
2	ICB		1	100	100		1.61	0.000	0.000	0.000	0.000	06/20/2017	12:15
3	CCV1	0.5	1	100	100		2.10	0.000	0.392	0.392	0.502	06/20/2017	12:15
4	CCB1		1	100	100		2.33	0.000	0.000	0.000	0.000	06/20/2017	12:16
5	PB99918BL		1	2.51	100	7.78	1.76	0.000	0.000	0.000	0.000	06/20/2017	12:16
6	PB99918BS	20	1	2.55	100	7.44	2.45	0.000	0.386	0.386	0.494	06/20/2017	12:17
7	I3688-01		1	2.52	100	7.13	1.80	0.013	0.013	0.000	0.000	06/20/2017	12:17
8	I3688-02		1	2.50	100	7.21	2.20	0.058	0.069	0.011	0.014	06/20/2017	12:18
9	I3688-03		1	2.51	100	7.46	2.44	0.008	0.008	0.000	0.000	06/20/2017	12:18
10	I3688-04		1	2.54	100	7.84	1.62	0.025	0.026	0.001	0.001	06/20/2017	12:19
11	I3688-05		1	2.50	100	7.33	1.90	0.007	0.007	0.000	0.000	06/20/2017	12:19
12	I3688-05DUP		1	2.53	100	7.28	2.22	0.008	0.008	0.000	0.000	06/20/2017	12:20
13	I3688-05MSPre	40	2	2.55	100	7.10	2.31	0.010	0.136	0.126	0.161	06/20/2017	12:20
14	I3688-05MS2Ins	1284	40	2.50	100	7.23	1.66	0.012	0.631	0.619	0.793	06/20/2017	12:21
15	CCV2	0.5	1	100	100		2.34	0.000	0.392	0.392	0.502	06/20/2017	12:21
16	CCB2		1	100	100		2.17	0.000	0.000	0.000	0.000	06/20/2017	12:22
17	I3688-05MS3Post	40	2	2.52	100	7.60	2.37	0.011	0.274	0.263	0.337	06/20/2017	12:22
18	I3688-06		1	2.53	100	7.91	1.70	0.009	0.009	0.000	0.000	06/20/2017	12:23
19	I3688-07		1	2.54	100	7.27	1.55	0.035	0.036	0.001	0.001	06/20/2017	12:23
20	I3688-08		1	2.51	100	7.35	1.63	0.040	0.040	0.000	0.000	06/20/2017	12:24
21	I3688-09		1	2.52	100	7.06	2.15	0.020	0.020	0.000	0.000	06/20/2017	12:24
22	I3688-10		1	2.50	100	7.35	2.20	0.017	0.017	0.000	0.000	06/20/2017	12:25
23	I3688-11		1	2.55	100	7.48	2.46	0.014	0.014	0.000	0.000	06/20/2017	12:25
24	I3688-12		1	2.50	100	7.51	1.78	0.011	0.011	0.000	0.000	06/20/2017	12:26
25	I3688-13		1	2.53	100	7.37	1.83	0.007	0.007	0.000	0.000	06/20/2017	12:26
26	I3688-14		1	2.55	100	7.40	2.21	0.033	0.034	0.001	0.001	06/20/2017	12:27
27	CCV3	0.5	1	100	100		2.38	0.000	0.393	0.393	0.503	06/20/2017	12:27
28	CCB3		1	100	100		2.14	0.000	0.000	0.000	0.000	06/20/2017	12:28
29	I3688-15		1	2.54	100	7.86	1.75	0.045	0.045	0.000	0.000	06/20/2017	12:28
30	I3688-16		1	2.53	100	7.66	2.37	0.039	0.040	0.001	0.001	06/20/2017	12:29
31	I3688-17		1	2.55	100	7.32	2.48	0.028	0.029	0.001	0.001	06/20/2017	12:29
32	I3688-18		1	2.52	100	7.84	1.85	0.080	0.082	0.002	0.002	06/20/2017	12:30
33	CCV4	0.5	1	100	100		1.71	0.000	0.393	0.393	0.503	06/20/2017	12:30
34	CCB4		1	100	100		2.30	0.000	0.000	0.000	0.000	06/20/2017	12:31