

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB87617

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP55112
Calibration Std. hexchrome 0.05 ppm	WP55111
5N sulfuric acid	WP53540
Calibratation STD HexaChrome 1 PPM	WP55114
Calibratation STD Hexa Chrome 0.5 PPM	WP55113
calibration std. hexchrome 0.01 ppm	WP55109
calibration std. hexchrome 0 ppm	WP55108
Hexavalent Chromium ICV Std.	WP55115
Hexavalent Chromium CCV Std	WP55116
hexavalent chromium color reagent	WP54955
HNO3 Hex-Chrome, 5M	WP53205
Calibration std Hexachrome, 0.025ppm	WP55110

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		2.13	0.000	0.000	0.000	05/22/2017	14:01
2	CAL2	0.01	1	100	100		2.40	0.000	0.006	0.006	05/22/2017	14:01
3	CAL3	0.025	1	100	100		1.88	0.000	0.018	0.018	05/22/2017	14:02
4	CAL4	0.05	1	100	100		1.57	0.000	0.039	0.039	05/22/2017	14:02
5	CAL5	0.1	1	100	100		2.33	0.000	0.079	0.079	05/22/2017	14:03
6	CAL6	0.5	1	100	100		1.86	0.000	0.396	0.396	05/22/2017	14:03
7	CAL7	1	1	100	100		2.20	0.000	0.778	0.778	05/22/2017	14:04



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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		2.30	0.000	0.391	0.391	0.501	05/22/2017	14:04
2	ICB		1	100	100		2.10	0.000	0.000	0.000	0.000	05/22/2017	14:05
3	CCV1	0.5	1	100	100		1.88	0.000	0.392	0.392	0.502	05/22/2017	14:05
4	CCB1		1	100	100		1.55	0.000	0.000	0.000	0.000	05/22/2017	14:06
5	PB99173BL		1	2.50	100	7.15	2.46	0.000	0.000	0.000	0.000	05/22/2017	14:06
6	PB99173BS	20	1	2.54	100	7.12	2.34	0.000	0.364	0.364	0.466	05/22/2017	14:07
7	I3236-01		1	2.54	100	7.80	2.35	0.060	0.061	0.001	0.001	05/22/2017	14:07
8	I3236-01DUP		1	2.53	100	7.13	2.10	0.062	0.063	0.001	0.001	05/22/2017	14:08
9	I3236-01MSPre	40	2	2.51	100	7.55	1.89	0.070	0.120	0.050	0.064	05/22/2017	14:08
10	I3236-01MS2Ins	1284	40	2.55	100	7.90	1.74	0.072	0.630	0.558	0.715	05/22/2017	14:09
11	I3236-01MS3Post	40	2	2.50	100	7.30	2.31	0.081	0.210	0.129	0.165	05/22/2017	14:09
12	I3249-02		1	2.52	100	7.25	2.46	0.002	0.002	0.000	0.000	05/22/2017	14:10
13	I3249-04		1	2.51	100	7.14	2.16	0.004	0.007	0.003	0.004	05/22/2017	14:10
14	I3249-06		1	2.54	100	7.24	1.97	0.006	0.012	0.006	0.008	05/22/2017	14:11
15	CCV2	0.5	1	100	100		2.04	0.000	0.392	0.392	0.502	05/22/2017	14:11
16	CCB2		1	100	100		1.65	0.000	0.000	0.000	0.000	05/22/2017	14:11
17	I3249-08		1	2.55	100	7.66	1.70	0.004	0.004	0.000	0.000	05/22/2017	14:12
18	I3249-10		1	2.53	100	7.83	2.38	0.011	0.013	0.002	0.002	05/22/2017	14:12
19	I3249-12		1	2.52	100	7.77	1.82	0.008	0.008	0.000	0.000	05/22/2017	14:13
20	I3249-14		1	2.51	100	7.60	1.66	0.003	0.003	0.000	0.000	05/22/2017	14:13
21	I3249-16		1	2.54	100	7.43	2.24	0.004	0.009	0.005	0.006	05/22/2017	14:14
22	I3252-01		1	2.50	100	7.26	2.40	0.025	0.037	0.012	0.015	05/22/2017	14:14
23	I3257-01		1	2.54	100	7.30	2.46	0.105	0.120	0.015	0.019	05/22/2017	14:15
24	I3264-01		1	2.50	100	7.91	2.27	0.022	0.027	0.005	0.006	05/22/2017	14:15
25	I3278-01		1	2.51	100	7.32	2.18	0.018	0.019	0.001	0.001	05/22/2017	14:16
26	I3278-04		1	2.52	100	7.45	2.39	0.020	0.020	0.000	0.000	05/22/2017	14:16
27	CCV3	0.5	1	100	100		1.61	0.000	0.393	0.393	0.503	05/22/2017	14:17
28	CCB3		1	100	100		2.14	0.000	0.000	0.000	0.000	05/22/2017	14:17
29	I3278-07		1	2.53	100	7.14	2.48	0.017	0.017	0.000	0.000	05/22/2017	14:18
30	CCV4	0.5	1	100	100		2.30	0.000	0.394	0.394	0.505	05/22/2017	14:18
31	CCB4		1	100	100		1.75	0.000	0.000	0.000	0.000	05/22/2017	14:19