

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB85924

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP53057
Calibration Std. hexchrome 0.05 ppm	WP53051
5N sulfuric acid	WP50397
Calibratation STD HexaChrome 1 PPM	WP53053
Calibratation STD Hexa Chrome 0.5 PPM	WP53052
calibration std. hexchrome 0.01 ppm	WP53049
calibration std. hexchrome 0 ppm	WP53048
Hexavalent Chromium ICV Std.	WP53055
Hexavalent Chromium CCV Std	WP53056
hexavalent chromium color reagent	WP52813
HNO3 Hex-Chrome, 5M	WP51796
Calibration std Hexachrome, 0.025ppm	WP53050

Intercept: -0.0003

Slope: 0.7117

Regression: 0.999989

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml/gm)	Final Vol (ml)	PH HN03	PH H2so4	Absorbance		Absorbance Difference	Anal Date	Anal Time
								Backgrnd	Color			
1	CAL1	0	1	100	100		1.59	0.000	0.000	0.000	02/20/2017	14:36
2	CAL2	0.01	1	100	100		2.08	0.000	0.006	0.006	02/20/2017	14:36
3	CAL3	0.025	1	100	100		1.89	0.000	0.016	0.016	02/20/2017	14:37
4	CAL4	0.05	1	100	100		2.33	0.000	0.037	0.037	02/20/2017	14:37
5	CAL5	0.1	1	100	100		2.27	0.000	0.072	0.072	02/20/2017	14:38
6	CAL6	0.5	1	100	100		1.93	0.000	0.354	0.354	02/20/2017	14:38
7	CAL7	1	1	100	100		2.46	0.000	0.712	0.712	02/20/2017	14:39



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Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml/gm)	Final Vol (ml)	PH HN03	PH H2so4	Absorbance		Absorbance Difference	Result	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		2.40	0.000	0.358	0.358	0.503	02/20/2017	14:39
2	ICB		1	100	100		2.04	0.000	0.000	0.000	0.000	02/20/2017	14:40
3	CCV1	0.5	1	100	100		1.58	0.000	0.360	0.360	0.506	02/20/2017	14:40
4	CCB1		1	100	100		2.27	0.000	0.000	0.000	0.000	02/20/2017	14:41
5	PB97061BL		1	2.54	100	7.33	1.66	0.000	0.000	0.000	0.000	02/20/2017	14:41
6	PB97061BS	20	1	2.53	100	7.14	2.39	0.000	0.350	0.350	0.492	02/20/2017	14:42
7	I1797-01		1	1.00	100	7.84	2.05	0.005	2.701	2.696	3.789	02/20/2017	14:42
8	I1797-02		1	1.03	100	7.41	1.75	0.007	2.890	2.883	4.051	02/20/2017	14:43
9	I1797-03		1	1.02	100	7.76	2.08	0.006	2.735	2.729	3.835	02/20/2017	14:43
10	I1797-04		1	1.00	100	7.81	2.43	0.004	2.305	2.301	3.234	02/20/2017	14:44
11	I1797-05		1	1.01	100	7.22	1.96	0.006	0.660	0.654	0.919	02/20/2017	14:44
12	I1797-06		1	1.02	100	7.30	2.35	0.005	0.595	0.590	0.829	02/20/2017	14:45
13	I1797-10		1	1.01	100	7.04	2.22	0.004	0.568	0.564	0.793	02/20/2017	14:45
14	I1797-11		1	1.00	100	7.19	2.14	0.002	0.648	0.646	0.908	02/20/2017	14:46
15	CCV2	0.5	1	100	100		1.52	0.000	0.361	0.361	0.508	02/20/2017	14:46
16	CCB2		1	100	100		2.07	0.000	0.000	0.000	0.000	02/20/2017	14:47
17	I1797-12		1	1.03	100	7.42	2.11	0.003	2.151	2.148	3.019	02/20/2017	14:47
18	I1913-01		1	2.52	100	7.56	2.43	0.013	0.013	0.000	0.000	02/20/2017	14:48
19	I1913-01DUP		1	2.51	100	7.80	2.30	0.012	0.012	0.000	0.000	02/20/2017	14:48
20	I1913-01MSPre	40	2	2.53	100	7.88	2.08	0.010	0.092	0.082	0.116	02/20/2017	14:49
21	I1913-01MS2Ins	1284	40	2.55	100	7.13	2.47	0.006	0.549	0.543	0.763	02/20/2017	14:49
22	I1913-01MS3Post	40	2	2.54	100	7.54	2.14	0.042	0.170	0.128	0.180	02/20/2017	14:50
23	I1913-06		1	2.51	100	7.37	1.62	0.011	0.011	0.000	0.000	02/20/2017	14:50
24	I1797-01		100	1.00	100	7.84	2.05	0.000	0.165	0.165	0.232	02/20/2017	14:51
25	I1797-02		100	1.03	100	7.41	1.75	0.000	0.189	0.189	0.266	02/20/2017	14:51
26	I1797-03		20	1.02	100	7.76	2.08	0.000	0.224	0.224	0.315	02/20/2017	14:52
27	CCV3	0.5	1	100	100		1.90	0.000	0.361	0.361	0.508	02/20/2017	14:52
28	CCB3		1	100	100		2.06	0.000	0.000	0.000	0.000	02/20/2017	14:53
29	I1797-04		20	1.00	100	7.81	2.43	0.000	0.313	0.313	0.440	02/20/2017	14:53
30	I1797-12		20	1.03	100	7.42	2.11	0.000	0.110	0.110	0.155	02/20/2017	14:54
31	CCV4	0.5	1	100	100		1.90	0.000	0.361	0.361	0.508	02/20/2017	14:54
32	CCB4		1	100	100		2.06	0.000	0.000	0.000	0.000	02/20/2017	14:55