

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB93876

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP62652
Calibration Std. hexchrome 0.05 ppm	WP62651
5N sulfuric acid	WP61786
Calibratation STD HexaChrome 1 PPM	WP62654
Calibratation STD Hexa Chrome 0.5 PPM	WP62653
calibration std. hexchrome 0.01 ppm	WP62649
calibration std. hexchrome 0 ppm	WP62644
Hexavalent Chromium ICV Std.	WP62655
Hexavalent Chromium CCV Std	WP62656
hexavalent chromium color reagent	WP62566
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP62650

Intercept: 0.0004

Slope: 0.7656

Regression: 0.999973

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		2.40	0.000	0.000	0.000	03/13/2018	14:00
2	CAL2	0.01	1	100	100		1.90	0.000	0.007	0.007	03/13/2018	14:00
3	CAL3	0.025	1	100	100		2.33	0.000	0.018	0.018	03/13/2018	14:01
4	CAL4	0.05	1	100	100		1.75	0.000	0.038	0.038	03/13/2018	14:01
5	CAL5	0.1	1	100	100		1.69	0.000	0.079	0.079	03/13/2018	14:02
6	CAL6	0.5	1	100	100		2.20	0.000	0.387	0.387	03/13/2018	14:02
7	CAL7	1	1	100	100		2.46	0.000	0.764	0.764	03/13/2018	14:03



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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		1.70	0.000	0.388	0.388	0.506	03/13/2018	14:03
2	ICB		1	100	100		2.10	0.000	0.000	0.000	-0.001	03/13/2018	14:04
3	CCV1	0.5	1	100	100		1.77	0.000	0.389	0.389	0.508	03/13/2018	14:04
4	CCB1		1	100	100		1.64	0.000	0.000	0.000	-0.001	03/13/2018	14:05
5	PB107317BL		1	2.54	100	7.13	2.21	0.000	0.000	0.000	-0.001	03/13/2018	14:05
6	PB107317BS	20	1	2.50	100	7.06	2.13	0.000	0.388	0.388	0.506	03/13/2018	14:06
7	J1753-01		1	2.52	100	7.58	2.08	0.004	0.004	0.000	-0.001	03/13/2018	14:06
8	J1753-01DUP		1	2.55	100	7.69	1.92	0.005	0.005	0.000	-0.001	03/13/2018	14:07
9	J1753-01MSPre	40	2	2.51	100	7.91	1.67	0.006	0.349	0.343	0.447	03/13/2018	14:07
10	J1753-01MS2Ins	1284	40	2.54	100	7.88	2.41	0.003	0.594	0.591	0.771	03/13/2018	14:08
11	J1753-01MS3Post	40	2	2.53	100	7.13	2.38	0.008	0.358	0.350	0.457	03/13/2018	14:08
12	J1821-01		1	2.52	100	7.14	2.12	0.085	0.085	0.000	-0.001	03/13/2018	14:09
13	J1821-02		1	2.55	100	7.20	1.57	0.079	0.079	0.000	-0.001	03/13/2018	14:09
14	J1821-03		1	2.53	100	7.63	1.81	0.066	0.066	0.000	-0.001	03/13/2018	14:10
15	CCV2	0.5	1	100	100		1.77	0.000	0.389	0.389	0.508	03/13/2018	14:10
16	CCB2		1	100	100		2.11	0.000	0.000	0.000	-0.001	03/13/2018	14:11
17	J1821-04		1	2.54	100	7.44	2.40	0.071	0.071	0.000	-0.001	03/13/2018	14:11
18	J1876-02		1	2.50	100	7.66	2.35	0.010	0.010	0.000	-0.001	03/13/2018	14:12
19	J1876-04		1	2.51	100	7.71	1.80	0.016	0.150	0.134	0.175	03/13/2018	14:12
20	J1893-01		1	2.52	100	7.35	1.60	0.003	0.003	0.000	-0.001	03/13/2018	14:13
21	J1898-03		1	2.54	100	7.10	1.89	0.068	0.068	0.000	-0.001	03/13/2018	14:13
22	J1898-07		1	2.55	100	7.28	2.31	0.020	0.020	0.000	-0.001	03/13/2018	14:14
23	J1898-09		1	2.50	100	7.96	2.28	0.014	0.014	0.000	-0.001	03/13/2018	14:14
24	J1898-13		1	2.53	100	7.32	2.04	0.009	0.009	0.000	-0.001	03/13/2018	14:15
25	PB107308BL		1	2.55	100	7.20	2.15	0.000	0.000	0.000	-0.001	03/13/2018	14:15
26	PB107308BS	20	1	2.52	100	7.18	1.84	0.000	0.373	0.373	0.487	03/13/2018	14:16
27	CCV3	0.5	1	100	100		1.91	0.000	0.389	0.389	0.508	03/13/2018	14:16
28	CCB3		1	100	100		2.07	0.000	0.000	0.000	-0.001	03/13/2018	14:17
29	J1776-02		1	2.54	100	7.30	2.40	0.020	0.020	0.000	-0.001	03/13/2018	14:17
30	J1776-08		1	2.55	100	7.21	1.63	0.018	0.018	0.000	-0.001	03/13/2018	14:18
31	J1776-14		1	2.50	100	7.52	1.58	0.024	0.024	0.000	-0.001	03/13/2018	14:18
32	J1776-20		1	2.51	100	7.69	2.12	0.016	0.016	0.000	-0.001	03/13/2018	14:19
33	J1870-02		1	2.52	100	7.44	1.70	0.019	0.019	0.000	-0.001	03/13/2018	14:19
34	J1873-03		1	2.53	100	7.39	1.89	0.027	0.027	0.000	-0.001	03/13/2018	14:20
35	J1873-06		1	2.50	100	7.21	2.01	0.013	0.013	0.000	-0.001	03/13/2018	14:20
36	J1873-09		1	2.50	100	7.15	1.97	0.009	0.009	0.000	-0.001	03/13/2018	14:21
37	J1873-09DUP		1	2.53	100	7.72	2.48	0.010	0.010	0.000	-0.001	03/13/2018	14:21
38	J1873-09MSPre	40	2	2.52	100	7.66	2.31	0.011	0.355	0.344	0.449	03/13/2018	14:22
39	CCV4	0.5	1	100	100		1.80	0.000	0.390	0.390	0.509	03/13/2018	14:22
40	CCB4		1	100	100		1.54	0.000	0.000	0.000	-0.001	03/13/2018	14:23
41	J1873-09MS2Ins	1284	40	2.55	100	7.32	2.04	0.008	0.610	0.602	0.786	03/13/2018	14:23
42	J1873-09MS3Post	40	2	2.50	100	7.40	2.21	0.013	0.360	0.347	0.453	03/13/2018	14:24

43	J1874-01		1	2.52	100	7.29	2.18	0.025	0.025	0.000	-0.001	03/13/2018	14:24
44	J1890-01		1	2.51	100	7.34	2.21	0.034	0.036	0.002	0.002	03/13/2018	14:25
45	CCV5	0.5	1	100	100		1.68	0.000	0.390	0.390	0.509	03/13/2018	14:25
46	CCB5		1	100	100		1.72	0.000	0.000	0.000	-0.001	03/13/2018	14:26