

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB98093

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP68020
Calibration Std. hexchrome 0.05 ppm	WP68019
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP68022
Calibratation STD Hexa Chrome 0.5 PPM	WP68021
calibration std. hexchrome 0.01 ppm	WP68017
calibration std. hexchrome 0 ppm	WP68016
Hexavalent Chromium ICV Std.	WP68023
Hexavalent Chromium CCV Std	WP68024
hexavalent chromium color reagent	WP68026
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP68018

Intercept: 0.0007

Slope: 0.7696

Regression: 0.999985

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		1.88	0.000	0.000	0.000	09/21/2018	15:00
2	CAL2	0.01	1	100	100		1.69	0.000	0.008	0.008	09/21/2018	15:00
3	CAL3	0.025	1	100	100		2.25	0.000	0.018	0.018	09/21/2018	15:01
4	CAL4	0.05	1	100	100		2.33	0.000	0.040	0.040	09/21/2018	15:01
5	CAL5	0.1	1	100	100		2.40	0.000	0.079	0.079	09/21/2018	15:02
6	CAL6	0.5	1	100	100		1.57	0.000	0.388	0.388	09/21/2018	15:02
7	CAL7	1	1	100	100		1.92	0.000	0.769	0.769	09/21/2018	15:03



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB98093

pH Meter ID: WC pH Meter-1

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		2.33	0.000	0.389	0.389	0.505	09/21/2018	15:03
2	ICB		1	100	100		1.60	0.000	0.000	0.000	0.009	09/21/2018	15:04
3	CCV1	0.5	1	100	100		1.87	0.000	0.390	0.390	0.511	09/21/2018	15:04
4	CCB1		1	100	100		2.22	0.000	0.000	0.000	0.009	09/21/2018	15:05
5	PB113115BL		1	2.55	100	7.03	2.39	0.000	0.000	0.000	0.009	09/21/2018	15:05
6	PB113115BS	20	1	2.54	100	7.22	2.12	0.000	0.378	0.378	0.496	09/21/2018	15:06
7	J4777-11		1	2.55	100	7.41	1.71	0.014	0.014	0.000	0.009	09/21/2018	15:06
8	J4777-13		1	2.54	100	7.69	1.54	0.017	0.017	0.000	0.009	09/21/2018	15:07
9	J4777-15		1	2.53	100	7.88	2.18	0.052	0.052	0.000	0.009	09/21/2018	15:07
10	J4777-17		1	2.55	100	7.10	2.29	0.031	0.031	0.000	0.009	09/21/2018	15:08
11	J4777-19		1	2.50	100	7.31	1.56	0.028	0.028	0.000	0.009	09/21/2018	15:08
12	J4777-21		1	2.51	100	7.46	1.83	0.035	0.035	0.000	0.009	09/21/2018	15:09
13	J4777-23		1	2.51	100	7.33	1.92	0.020	0.020	0.000	0.009	09/21/2018	15:09
14	J4777-23DUP		1	2.50	100	7.90	2.17	0.019	0.019	0.000	0.009	09/21/2018	15:10
15	CCV2	0.5	1	100	100		2.46	0.000	0.390	0.390	0.511	09/21/2018	15:10
16	CCB2		1	100	100		1.88	0.000	0.000	0.000	0.009	09/21/2018	15:11
17	J4777-23MSPre	40	2	2.53	100	7.86	1.95	0.021	0.370	0.349	0.458	09/21/2018	15:11
18	J4777-23MS2Ins	1284	40	2.53	100	7.52	1.66	0.017	0.591	0.574	0.748	09/21/2018	15:12
19	J4777-23MS3Post	40	2	2.53	100	7.35	2.17	0.022	0.372	0.350	0.460	09/21/2018	15:12
20	J4777-25		1	2.52	100	7.54	2.39	0.016	0.016	0.000	0.009	09/21/2018	15:13
21	J4777-27		1	2.53	100	7.16	1.97	0.013	0.013	0.000	0.009	09/21/2018	15:13
22	J4777-29		1	2.51	100	7.17	1.68	0.010	0.010	0.000	0.009	09/21/2018	15:14
23	J4777-31		1	2.52	100	7.19	2.25	0.028	0.028	0.000	0.009	09/21/2018	15:14
24	PB113117BL		1	2.54	100	7.37	2.36	0.000	0.000	0.000	0.009	09/21/2018	15:15
25	PB113117BS	20	1	2.50	100	7.88	1.93	0.000	0.381	0.381	0.500	09/21/2018	15:15
26	J5021-01		1	2.51	100	7.15	1.81	0.016	0.016	0.000	0.009	09/21/2018	15:16
27	CCV3	0.5	1	100	100		2.13	0.000	0.390	0.390	0.511	09/21/2018	15:16
28	CCB3		1	100	100		2.28	0.000	0.000	0.000	0.009	09/21/2018	15:17
29	J5021-05		1	2.53	100	7.36	1.69	0.018	0.018	0.000	0.009	09/21/2018	15:17
30	J5021-09		1	2.50	100	7.79	1.94	0.015	0.015	0.000	0.009	09/21/2018	15:18
31	J5021-13		1	2.53	100	7.46	2.07	0.012	0.012	0.000	0.009	09/21/2018	15:18
32	J5021-17		1	2.55	100	7.32	2.43	0.008	0.008	0.000	0.009	09/21/2018	15:19
33	J5023-01		1	2.51	100	7.55	2.16	0.010	0.010	0.000	0.009	09/21/2018	15:19
34	J5023-05		1	2.52	100	7.18	1.69	0.015	0.015	0.000	0.009	09/21/2018	15:20
35	J5023-09		1	2.55	100	7.93	1.78	0.009	0.009	0.000	0.009	09/21/2018	15:20
36	J5025-01		1	2.53	100	7.62	1.90	0.018	0.018	0.000	0.009	09/21/2018	15:21
37	J5025-01DUP		1	2.51	100	7.37	2.14	0.017	0.017	0.000	0.009	09/21/2018	15:21
38	J5025-01MSPre	40	2	2.54	100	7.86	2.26	0.018	0.359	0.341	0.448	09/21/2018	15:22
39	CCV4	0.5	1	100	100		1.87	0.000	0.391	0.391	0.512	09/21/2018	15:22
40	CCB4		1	100	100		1.94	0.000	0.000	0.000	0.009	09/21/2018	15:23
41	J5025-01MS2Ins	1284	40	2.54	100	7.33	2.43	0.015	0.612	0.597	0.778	09/21/2018	15:23
42	J5025-01MS3Post	40	2	2.54	100	7.69	1.59	0.019	0.363	0.344	0.452	09/21/2018	15:24

43	CCV5	0.5	1	100	100		1.63	0.000	0.391	0.391	0.512	09/21/2018	15:24
44	CCB5		1	100	100		2.25	0.000	0.000	0.000	0.009	09/21/2018	15:25