

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB96644

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP66143
Calibration Std. hexchrome 0.05 ppm	WP66142
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP66145
Calibratation STD Hexa Chrome 0.5 PPM	WP66144
calibration std. hexchrome 0.01 ppm	WP66140
calibration std. hexchrome 0 ppm	WP66138
Hexavalent Chromium ICV Std.	WP66146
Hexavalent Chromium CCV Std	WP66147
hexavalent chromium color reagent	WP66139
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP66141

Intercept: 0.0003

Slope: 0.7645

Regression: 0.999982

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		2.16	0.000	0.000	0.000	07/13/2018	14:10
2	CAL2	0.01	1	100	100		2.35	0.000	0.007	0.007	07/13/2018	14:10
3	CAL3	0.025	1	100	100		1.88	0.000	0.018	0.018	07/13/2018	14:11
4	CAL4	0.05	1	100	100		1.97	0.000	0.039	0.039	07/13/2018	14:11
5	CAL5	0.1	1	100	100		2.44	0.000	0.077	0.077	07/13/2018	14:12
6	CAL6	0.5	1	100	100		2.20	0.000	0.386	0.386	07/13/2018	14:12
7	CAL7	1	1	100	100		2.31	0.000	0.763	0.763	07/13/2018	14:13



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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		1.77	0.000	0.388	0.388	0.507	07/13/2018	14:13
2	ICB		1	100	100		1.65	0.000	0.000	0.000	0.000	07/13/2018	14:14
3	CCV1	0.5	1	100	100		1.89	0.000	0.388	0.388	0.507	07/13/2018	14:14
4	CCB1		1	100	100		2.04	0.000	0.000	0.000	0.000	07/13/2018	14:15
5	PB111109BL		1	2.51	100	7.12	2.36	0.000	0.000	0.000	0.000	07/13/2018	14:15
6	PB111109BS	20	1	2.55	100	7.35	1.77	0.000	0.377	0.377	0.493	07/13/2018	14:16
7	J3958-01		1	2.51	100	7.66	2.28	0.009	0.009	0.000	0.000	07/13/2018	14:16
8	J3958-07		1	2.55	100	7.84	2.46	0.008	0.021	0.013	0.017	07/13/2018	14:17
9	J3966-01		1	2.54	100	7.90	2.04	0.004	0.007	0.003	0.004	07/13/2018	14:17
10	J3975-01		1	2.53	100	7.13	1.80	0.030	0.030	0.000	0.000	07/13/2018	14:18
11	J3975-03		1	2.50	100	7.04	1.92	0.028	0.028	0.000	0.000	07/13/2018	14:18
12	J3975-05		1	2.51	100	7.33	2.17	0.015	0.015	0.000	0.000	07/13/2018	14:19
13	J3975-07		1	2.54	100	7.25	2.21	0.013	0.013	0.000	0.000	07/13/2018	14:19
14	J3976-01		1	2.51	100	7.63	1.80	0.056	0.056	0.000	0.000	07/13/2018	14:20
15	CCV2	0.5	1	100	100		2.36	0.000	0.388	0.388	0.507	07/13/2018	14:20
16	CCB2		1	100	100		2.41	0.000	0.000	0.000	0.000	07/13/2018	14:21
17	J3976-01DUP		1	2.54	100	7.90	1.95	0.057	0.057	0.000	0.000	07/13/2018	14:21
18	J3976-01MSPre	40	2	2.55	100	7.33	1.77	0.059	0.250	0.191	0.249	07/13/2018	14:22
19	J3976-01MS2Ins	1284	40	2.55	100	7.21	1.58	0.054	0.625	0.571	0.747	07/13/2018	14:22
20	J3976-01MS3Post	40	2	2.55	100	7.63	2.03	0.061	0.267	0.206	0.269	07/13/2018	14:23
21	J3980-03		1	2.57	100	7.58	2.18	0.016	0.016	0.000	0.000	07/13/2018	14:23
22	J3980-07		1	2.54	100	7.22	2.25	0.019	0.019	0.000	0.000	07/13/2018	14:24
23	PB111108BL		1	2.50	100	7.31	1.63	0.000	0.000	0.000	0.000	07/13/2018	14:24
24	PB111108BS	20	1	2.52	100	7.44	1.90	0.000	0.375	0.375	0.490	07/13/2018	14:25
25	J3542-01		1	2.55	100	7.69	1.85	0.009	0.009	0.000	0.000	07/13/2018	14:25
26	J3542-05		1	2.51	100	7.33	2.13	0.011	0.011	0.000	0.000	07/13/2018	14:26
27	CCV3	0.5	1	100	100		2.42	0.000	0.388	0.388	0.507	07/13/2018	14:26
28	CCB3		1	100	100		2.30	0.000	0.000	0.000	0.000	07/13/2018	14:27
29	J3542-09		1	2.52	100	7.58	1.90	0.011	0.011	0.000	0.000	07/13/2018	14:27
30	J3545-02		1	2.52	100	7.30	1.55	0.006	0.006	0.000	0.000	07/13/2018	14:28
31	J3820-03		1	2.50	100	7.20	1.63	0.007	0.007	0.000	0.000	07/13/2018	14:28
32	J3820-03DUP		1	2.54	100	7.04	1.96	0.008	0.008	0.000	0.000	07/13/2018	14:29
33	J3820-03MSPre	40	2	2.51	100	7.10	2.37	0.009	0.360	0.351	0.459	07/13/2018	14:29
34	J3820-03MS2Ins	1284	40	2.51	100	7.18	2.21	0.006	0.615	0.609	0.796	07/13/2018	14:30
35	J3820-03MS3Post	40	2	2.51	100	7.64	1.69	0.011	0.368	0.357	0.467	07/13/2018	14:30
36	J3821-01		1	2.50	100	7.71	2.35	0.033	0.033	0.000	0.000	07/13/2018	14:31
37	J3821-03		1	2.53	100	7.95	2.21	0.038	0.038	0.000	0.000	07/13/2018	14:31
38	J3821-05		1	2.52	100	7.63	2.12	0.018	0.018	0.000	0.000	07/13/2018	14:32
39	CCV4	0.5	1	100	100		1.98	0.000	0.389	0.389	0.508	07/13/2018	14:32
40	CCB4		1	100	100		1.66	0.000	0.000	0.000	0.000	07/13/2018	14:33
41	J3831-01		1	2.54	100	7.71	2.04	0.012	0.012	0.000	0.000	07/13/2018	14:33
42	CCV5	0.5	1	100	100		2.20	0.000	0.389	0.389	0.508	07/13/2018	14:34

43	CCB5		1	100	100		2.41	0.000	0.000	0.000	0.000	07/13/2018	14:34
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