

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB97446

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP67197
Calibration Std. hexchrome 0.05 ppm	WP67196
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP67199
Calibratation STD Hexa Chrome 0.5 PPM	WP67198
calibration std. hexchrome 0.01 ppm	WP67194
calibration std. hexchrome 0 ppm	WP67193
Hexavalent Chromium ICV Std.	WP67200
Hexavalent Chromium CCV Std	WP67202
hexavalent chromium color reagent	WP67083
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP67195

Intercept: 0.0001

Slope: 0.7734

Regression: 0.999986

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		2.10	0.000	0.000	0.000	08/21/2018	13:00
2	CAL2	0.01	1	100	100		1.63	0.000	0.008	0.008	08/21/2018	13:00
3	CAL3	0.025	1	100	100		1.87	0.000	0.018	0.018	08/21/2018	13:01
4	CAL4	0.05	1	100	100		2.20	0.000	0.039	0.039	08/21/2018	13:01
5	CAL5	0.1	1	100	100		2.33	0.000	0.077	0.077	08/21/2018	13:02
6	CAL6	0.5	1	100	100		2.46	0.000	0.390	0.390	08/21/2018	13:02
7	CAL7	1	1	100	100		1.78	0.000	0.772	0.772	08/21/2018	13:03



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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		1.99	0.000	0.391	0.391	0.505	08/21/2018	13:03
2	ICB		1	100	100		1.63	0.000	0.000	0.000	0.000	08/21/2018	13:04
3	CCV1	0.5	1	100	100		2.08	0.000	0.391	0.391	0.505	08/21/2018	13:04
4	CCB1		1	100	100		2.40	0.000	0.000	0.000	0.000	08/21/2018	13:05
5	PB112260BL		1	2.55	100	7.16	1.87	0.000	0.000	0.000	0.000	08/21/2018	13:05
6	PB112260BS	20	1	2.50	100	7.22	1.71	0.000	0.368	0.368	0.476	08/21/2018	13:06
7	J4556-02		1	2.54	100	7.30	2.36	0.026	0.026	0.000	0.000	08/21/2018	13:06
8	J4556-03		1	2.53	100	7.15	2.20	0.034	0.034	0.000	0.000	08/21/2018	13:07
9	J4556-04		1	2.50	100	7.14	1.69	0.030	0.030	0.000	0.000	08/21/2018	13:07
10	J4556-08		1	2.54	100	7.59	2.43	0.046	0.046	0.000	0.000	08/21/2018	13:09
11	J4556-09		1	2.55	100	7.63	1.78	0.020	0.020	0.000	0.000	08/21/2018	13:10
12	CCV2	0.5	1	100	100		2.22	0.000	0.391	0.391	0.505	08/21/2018	13:10
13	CCB2		1	100	100		2.35	0.000	0.000	0.000	0.000	08/21/2018	13:11
14	J4556-10		1	2.50	100	7.78	2.41	0.027	0.027	0.000	0.000	08/21/2018	13:11
15	J4573-03		1	2.55	100	7.81	1.81	0.010	0.010	0.000	0.000	08/21/2018	13:12
16	J4573-07		1	2.52	100	7.39	1.63	0.017	0.017	0.000	0.000	08/21/2018	13:12
17	J4573-11		1	2.54	100	7.44	1.54	0.009	0.009	0.000	0.000	08/21/2018	13:13
18	J4573-11DUP		1	2.51	100	7.20	2.07	0.011	0.011	0.000	0.000	08/21/2018	13:13
19	J4573-11MSPre	40	2	2.53	100	7.04	2.33	0.014	0.347	0.333	0.430	08/21/2018	13:14
20	J4573-11MS2Ins	1284	40	2.53	100	7.11	2.46	0.013	0.589	0.576	0.745	08/21/2018	13:14
21	J4573-11MS3Post	40	2	2.53	100	7.19	1.93	0.015	0.352	0.337	0.436	08/21/2018	13:15
22	PB112259BL		1	2.54	100	7.37	1.88	0.000	0.000	0.000	0.000	08/21/2018	13:15
23	PB112259BS	20	1	2.50	100	7.45	2.10	0.000	0.370	0.370	0.478	08/21/2018	13:16
24	CCV3	0.5	1	100	100		2.17	0.000	0.392	0.392	0.507	08/21/2018	13:16
25	CCB3		1	100	100		1.64	0.000	0.000	0.000	0.000	08/21/2018	13:17
26	J4271-09		1	2.51	100	7.21	2.05	0.049	0.049	0.000	0.000	08/21/2018	13:17
27	J4271-11		1	2.55	100	7.08	2.21	0.021	0.021	0.000	0.000	08/21/2018	13:18
28	J4271-13		1	2.54	100	7.65	1.58	0.019	0.019	0.000	0.000	08/21/2018	13:18
29	J4275-09		1	2.55	100	7.73	1.69	0.025	0.025	0.000	0.000	08/21/2018	13:19
30	J4275-11		1	2.50	100	7.84	1.92	0.023	0.023	0.000	0.000	08/21/2018	13:19
31	J4275-13		1	2.54	100	7.93	2.41	0.038	0.038	0.000	0.000	08/21/2018	13:20
32	J4275-15		1	2.52	100	7.50	2.34	0.022	0.022	0.000	0.000	08/21/2018	13:20
33	J4275-17		1	2.50	100	7.69	1.74	0.027	0.027	0.000	0.000	08/21/2018	13:21
34	J4561-02		1	2.51	100	7.42	1.85	0.029	0.029	0.000	0.000	08/21/2018	13:21
35	J4569-01		1	2.52	100	7.22	2.25	0.014	0.014	0.000	0.000	08/21/2018	13:22
36	CCV4	0.5	1	100	100		2.47	0.000	0.392	0.392	0.507	08/21/2018	13:22
37	CCB4		1	100	100		2.11	0.000	0.000	0.000	0.000	08/21/2018	13:23
38	J4569-01DUP		1	2.53	100	7.33	1.64	0.015	0.015	0.000	0.000	08/21/2018	13:23
39	J4569-01MSPre	40	2	2.55	100	7.10	1.97	0.017	0.360	0.343	0.443	08/21/2018	13:24
40	J4569-01MS2Ins	1284	40	2.55	100	7.16	2.19	0.013	0.610	0.597	0.772	08/21/2018	13:24
41	J4569-01MS3Post	40	2	2.55	100	7.24	2.24	0.019	0.366	0.347	0.449	08/21/2018	13:25
42	CCV5	0.5	1	100	100		2.37	0.000	0.392	0.392	0.507	08/21/2018	13:25

43	CCB5		1	100	100		1.93	0.000	0.000	0.000	0.000	08/21/2018	13:26
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