

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: AMANDEEP

Run Number: LB98207

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP68158
Calibration Std. hexchrome 0.05 ppm	WP68157
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP68160
Calibratation STD Hexa Chrome 0.5 PPM	WP68159
calibration std. hexchrome 0.01 ppm	WP68155
calibration std. hexchrome 0 ppm	WP68152
Hexavalent Chromium ICV Std.	WP68161
Hexavalent Chromium CCV Std	WP68162
hexavalent chromium color reagent	WP68026
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP68156

Intercept: 0.0004

Slope: 0.7716

Regression: 0.999976

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		1.90	0.000	0.000	0.000	09/27/2018	14:00
2	CAL2	0.01	1	100	100		1.75	0.000	0.007	0.007	09/27/2018	14:00
3	CAL3	0.025	1	100	100		2.36	0.000	0.018	0.018	09/27/2018	14:01
4	CAL4	0.05	1	100	100		2.25	0.000	0.039	0.039	09/27/2018	14:01
5	CAL5	0.1	1	100	100		1.97	0.000	0.079	0.079	09/27/2018	14:02
6	CAL6	0.5	1	100	100		1.65	0.000	0.390	0.390	09/27/2018	14:02
7	CAL7	1	1	100	100		1.58	0.000	0.770	0.770	09/27/2018	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		2.06	0.000	0.390	0.390	0.505	09/27/2018	14:03
2	ICB		1	100	100		2.25	0.000	0.000	0.000	-0.001	09/27/2018	14:04
3	CCV1	0.5	1	100	100		1.89	0.000	0.391	0.391	0.506	09/27/2018	14:04
4	CCB1		1	100	100		1.63	0.000	0.000	0.000	-0.001	09/27/2018	14:05
5	PB113297BL		1	2.54	100	7.59	1.75	0.000	0.000	0.000	-0.001	09/27/2018	14:05
6	PB113297BS	20	1	2.51	100	7.13	1.90	0.000	0.372	0.372	0.482	09/27/2018	14:06
7	J4773-11		1	2.52	100	7.11	2.04	0.042	0.042	0.000	-0.001	09/27/2018	14:06
8	J4773-13		1	2.55	100	7.24	2.45	0.039	0.039	0.000	-0.001	09/27/2018	14:07
9	J4773-15		1	2.53	100	7.63	1.77	0.035	0.035	0.000	-0.001	09/27/2018	14:07
10	J4773-17		1	2.50	100	7.58	1.96	0.018	0.018	0.000	-0.001	09/27/2018	14:08
11	J4773-19		1	2.51	100	7.15	2.28	0.024	0.024	0.000	-0.001	09/27/2018	14:08
12	J5074-01		1	2.55	100	7.33	2.34	0.073	0.073	0.000	-0.001	09/27/2018	14:09
13	J5074-11		1	2.52	100	7.01	1.73	0.017	0.017	0.000	-0.001	09/27/2018	14:09
14	J5081-17		1	2.54	100	7.46	1.69	0.026	0.026	0.000	-0.001	09/27/2018	14:10
15	CCV2	0.5	1	100	100		2.10	0.000	0.391	0.391	0.506	09/27/2018	14:10
16	CCB2		1	100	100		2.36	0.000	0.000	0.000	-0.001	09/27/2018	14:11
17	J5081-18		1	2.51	100	7.87	2.40	0.029	0.029	0.000	-0.001	09/27/2018	14:11
18	J5081-19		1	2.50	100	7.40	1.87	0.015	0.015	0.000	-0.001	09/27/2018	14:12
19	J5081-19DUP		1	2.55	100	7.26	1.53	0.014	0.014	0.000	-0.001	09/27/2018	14:12
20	J5081-19MSPre	40	2	2.53	100	7.46	1.89	0.017	0.366	0.349	0.452	09/27/2018	14:13
21	J5081-19MS2Ins	1284	40	2.53	100	7.85	2.15	0.012	0.610	0.598	0.774	09/27/2018	14:13
22	J5081-19MS3Post	40	2	2.53	100	7.33	2.03	0.018	0.369	0.351	0.454	09/27/2018	14:14
23	J5081-20		1	2.50	100	7.27	1.80	0.035	0.035	0.000	-0.001	09/27/2018	14:14
24	PB113320BL		1	2.51	100	7.04	1.74	0.000	0.000	0.000	-0.001	09/27/2018	14:15
25	PB113320BS	20	1	2.50	100	7.98	1.62	0.000	0.385	0.385	0.498	09/27/2018	14:15
26	J5096-01		1	2.54	100	7.33	2.19	0.055	0.055	0.000	-0.001	09/27/2018	14:16
27	CCV3	0.5	1	100	100		2.25	0.000	0.391	0.391	0.506	09/27/2018	14:16
28	CCB3		1	100	100		1.63	0.000	0.000	0.000	-0.001	09/27/2018	14:17
29	J5097-01		1	2.51	100	7.41	1.58	0.029	0.029	0.000	-0.001	09/27/2018	14:17
30	J5097-03		1	2.53	100	7.63	2.30	0.034	0.034	0.000	-0.001	09/27/2018	14:18
31	J5097-05		1	2.50	100	7.90	2.11	0.040	0.040	0.000	-0.001	09/27/2018	14:18
32	J5097-07		1	2.52	100	7.42	2.39	0.030	0.030	0.000	-0.001	09/27/2018	14:19
33	J5097-07DUP		1	2.53	100	7.50	2.45	0.028	0.028	0.000	-0.001	09/27/2018	14:19
34	J5097-07MSPre	40	2	2.55	100	7.36	1.92	0.031	0.380	0.349	0.452	09/27/2018	14:20
35	J5097-07MS2Ins	1284	40	2.55	100	7.44	1.56	0.025	0.632	0.607	0.786	09/27/2018	14:20
36	J5097-07MS3Post	40	2	2.55	100	7.10	2.36	0.031	0.382	0.351	0.454	09/27/2018	14:21
37	J5099-01		1	2.51	100	7.46	2.47	0.016	0.016	0.000	-0.001	09/27/2018	14:21
38	J5100-01		1	2.55	100	7.91	2.20	0.028	0.028	0.000	-0.001	09/27/2018	14:22
39	CCV4	0.5	1	100	100		2.30	0.000	0.391	0.391	0.506	09/27/2018	14:22
40	CCB4		1	100	100		2.14	0.000	0.000	0.000	-0.001	09/27/2018	14:23