

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB101356

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP72522
Calibratation STD Hexa Chrome 0.5 PPM	WP72521
Calibration Std. hexchrome 0.1 ppm	WP72516
Calibration Std. hexchrome 0.05 ppm	WP72514
calibration std. hexchrome 0.01 ppm	WP72511
calibration std. hexchrome 0 ppm	WP72510
Hexavalent Chromium ICV Std.	WP72524
Hexavalent Chromium CCV Std	WP72525
hexavalent chromium color reagent	WP72409
5N sulfuric acid	WP70044
Calibration std Hexachrome, 0.025ppm	WP72513
HNO3 Hex-Chrome, 5M	WP70045

Intercept: 0.0004

Slope: 0.7717

Regression: 0.999968

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		2.05	0.000	0.000	0.000	03/13/2019	15:00
2	CAL2	0.01	1	100	100		1.93	0.000	0.007	0.007	03/13/2019	15:00
3	CAL3	0.025	1	100	100		1.78	0.000	0.017	0.017	03/13/2019	15:01
4	CAL4	0.05	1	100	100		1.59	0.000	0.039	0.039	03/13/2019	15:01
5	CAL5	0.1	1	100	100		2.38	0.000	0.080	0.080	03/13/2019	15:02
6	CAL6	0.5	1	100	100		2.41	0.000	0.390	0.390	03/13/2019	15:02
7	CAL7	1	1	100	100		1.69	0.000	0.770	0.770	03/13/2019	15:03



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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		1.72	0.000	0.391	0.391	0.506	03/13/2019	15:03
2	ICB		1	100	100		1.85	0.000	0.000	0.000	-0.001	03/13/2019	15:04
3	CCV1	0.5	1	100	100		2.11	0.000	0.391	0.391	0.506	03/13/2019	15:04
4	CCB1		1	100	100		2.30	0.000	0.000	0.000	-0.001	03/13/2019	15:05
5	PB117893BL		1	2.52	100	7.23	2.44	0.000	0.000	0.000	-0.001	03/13/2019	15:05
6	PB117893BS	20	1	2.53	100	7.69	1.79	0.000	0.385	0.385	0.498	03/13/2019	15:06
7	K1693-05		1	2.50	100	7.10	1.86	0.031	0.031	0.000	-0.001	03/13/2019	15:06
8	K1693-07		1	2.55	100	7.55	1.54	0.040	0.040	0.000	-0.001	03/13/2019	15:07
9	K1869-01		1	2.51	100	7.10	2.03	0.015	0.020	0.005	0.006	03/13/2019	15:07
10	K1869-01DUP		1	2.53	100	7.18	2.14	0.016	0.021	0.005	0.006	03/13/2019	15:08
11	K1869-01MSPre	40	2	2.54	100	7.36	1.73	0.016	0.377	0.361	0.467	03/13/2019	15:08
12	K1869-01MS2Ins	1284	40	2.50	100	7.71	1.76	0.014	0.610	0.596	0.772	03/13/2019	15:09
13	K1869-01MS3Post	40	2	2.52	100	7.96	2.08	0.017	0.382	0.365	0.472	03/13/2019	15:09
14	K1869-09		1	2.51	100	7.83	2.45	0.018	0.029	0.011	0.014	03/13/2019	15:10
15	CCV2	0.5	1	100	100		2.31	0.000	0.391	0.391	0.506	03/13/2019	15:10
16	CCB2		1	100	100		1.70	0.000	0.000	0.000	-0.001	03/13/2019	15:11
17	K1870-01		1	2.53	100	7.15	1.98	0.040	0.040	0.000	-0.001	03/13/2019	15:11
18	K1870-05		1	2.50	100	7.02	1.63	0.053	0.053	0.000	-0.001	03/13/2019	15:12
19	K1870-09		1	2.55	100	7.30	2.17	0.045	0.045	0.000	-0.001	03/13/2019	15:12
20	K1871-01		1	2.50	100	7.42	2.30	0.094	0.094	0.000	-0.001	03/13/2019	15:13
21	K1871-05		1	2.54	100	7.38	2.11	0.047	0.047	0.000	-0.001	03/13/2019	15:13
22	K1873-01		1	2.51	100	7.22	1.71	0.011	0.011	0.000	-0.001	03/13/2019	15:14
23	PB117894BL		1	2.51	100	7.16	1.62	0.000	0.000	0.000	-0.001	03/13/2019	15:14
24	PB117894BS	20	1	2.52	100	7.78	2.12	0.000	0.380	0.380	0.492	03/13/2019	15:15
25	K1837-01		1	2.55	100	7.69	2.25	0.018	0.018	0.000	-0.001	03/13/2019	15:15
26	K1837-03		1	2.53	100	7.34	1.90	0.016	0.016	0.000	-0.001	03/13/2019	15:16
27	CCV3	0.5	1	100	100		1.74	0.000	0.392	0.392	0.507	03/13/2019	15:16
28	CCB3		1	100	100		2.03	0.000	0.000	0.000	-0.001	03/13/2019	15:17
29	K1837-05		1	2.50	100	7.81	1.93	0.013	0.013	0.000	-0.001	03/13/2019	15:17
30	K1837-07		1	2.51	100	7.43	1.66	0.014	0.014	0.000	-0.001	03/13/2019	15:18
31	K1837-07DUP		1	2.52	100	7.66	2.41	0.013	0.013	0.000	-0.001	03/13/2019	15:18
32	K1837-07MSPre	40	2	2.53	100	7.79	2.38	0.015	0.359	0.344	0.445	03/13/2019	15:19
33	K1837-07MS2Ins	1284	40	2.54	100	7.66	2.07	0.012	0.596	0.584	0.756	03/13/2019	15:19
34	K1837-07MS3Post	40	2	2.50	100	7.50	1.70	0.016	0.367	0.351	0.454	03/13/2019	15:20
35	K1837-09		1	2.51	100	7.18	1.89	0.010	0.010	0.000	-0.001	03/13/2019	15:20
36	K1837-11		1	2.55	100	7.24	2.07	0.029	0.029	0.000	-0.001	03/13/2019	15:21
37	K1837-13		1	2.50	100	7.32	2.33	0.024	0.024	0.000	-0.001	03/13/2019	15:21
38	CCV4	0.5	1	100	100		2.25	0.000	0.392	0.392	0.507	03/13/2019	15:22
39	CCB4		1	100	100		1.80	0.000	0.000	0.000	-0.001	03/13/2019	15:22