

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB100280

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP70861
Calibration Std. hexchrome 0.05 ppm	WP70860
5N sulfuric acid	WP70044
Calibratation STD HexaChrome 1 PPM	WP70863
Calibratation STD Hexa Chrome 0.5 PPM	WP70862
calibration std. hexchrome 0.01 ppm	WP70858
calibration std. hexchrome 0 ppm	WP70857
Hexavalent Chromium ICV Std.	WP70864
Hexavalent Chromium CCV Std	WP70866
hexavalent chromium color reagent	WP70831
HNO3 Hex-Chrome, 5M	WP70045
Calibration std Hexachrome, 0.025ppm	WP70859

Intercept: 0.0005

Slope: 0.7707

Regression: 0.999983

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		2.18	0.000	0.000	0.000	01/11/2019	14:00
2	CAL2	0.01	1	100	100		1.92	0.000	0.008	0.008	01/11/2019	14:00
3	CAL3	0.025	1	100	100		2.33	0.000	0.017	0.017	01/11/2019	14:01
4	CAL4	0.05	1	100	100		2.27	0.000	0.040	0.040	01/11/2019	14:01
5	CAL5	0.1	1	100	100		1.68	0.000	0.079	0.079	01/11/2019	14:02
6	CAL6	0.5	1	100	100		2.03	0.000	0.388	0.388	01/11/2019	14:02
7	CAL7	1	1	100	100		2.21	0.000	0.770	0.770	01/11/2019	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		1.78	0.000	0.390	0.390	0.505	01/11/2019	14:03
2	ICB		1	100	100		1.85	0.000	0.000	0.000	-0.001	01/11/2019	14:04
3	CCV1	0.5	1	100	100		2.04	0.000	0.391	0.391	0.507	01/11/2019	14:04
4	CCB1		1	100	100		2.11	0.000	0.000	0.000	-0.001	01/11/2019	14:05
5	PB116327BL		1	2.55	100	7.31	1.69	0.000	0.000	0.000	-0.001	01/11/2019	14:05
6	PB116327BS	20	1	2.50	100	7.82	1.74	0.000	0.391	0.391	0.507	01/11/2019	14:06
7	K1005-01		1	2.50	100	7.39	2.36	0.007	0.007	0.000	-0.001	01/11/2019	14:06
8	K1005-01DUP		1	2.55	100	2.11	2.15	0.007	0.007	0.000	-0.001	01/11/2019	14:07
9	K1005-01MSPre	40	2	2.53	100	7.88	1.90	0.010	0.357	0.347	0.450	01/11/2019	14:07
10	K1005-01MS2Ins	1284	40	2.51	100	7.14	1.78	0.008	0.617	0.609	0.790	01/11/2019	14:08
11	K1005-01MS3Post	40	2	2.50	100	7.46	2.08	0.011	0.360	0.349	0.452	01/11/2019	14:08
12	K1005-03		1	2.55	100	7.10	2.36	0.013	0.013	0.000	-0.001	01/11/2019	14:09
13	K1005-05		1	2.54	100	7.25	2.17	0.015	0.015	0.000	-0.001	01/11/2019	14:09
14	K1015-01		1	2.53	100	7.14	1.87	0.016	0.016	0.000	-0.001	01/11/2019	14:10
15	CCV2	0.5	1	100	100		1.76	0.000	0.391	0.391	0.507	01/11/2019	14:10
16	CCB2		1	100	100		2.33	0.000	0.000	0.000	-0.001	01/11/2019	14:11
17	K1015-03		1	2.54	100	7.90	2.07	0.037	0.037	0.000	-0.001	01/11/2019	14:11
18	K1075-01		1	2.51	100	7.21	2.16	0.021	0.021	0.000	-0.001	01/11/2019	14:12
19	K1075-03		1	2.50	100	7.54	2.03	0.039	0.039	0.000	-0.001	01/11/2019	14:12
20	K1075-05		1	2.55	100	7.51	1.70	0.024	0.024	0.000	-0.001	01/11/2019	14:13
21	K1075-07		1	2.56	100	7.44	2.28	0.080	0.080	0.000	-0.001	01/11/2019	14:13
22	K1075-09		1	2.51	100	7.89	2.31	0.053	0.053	0.000	-0.001	01/11/2019	14:14
23	K1075-11		1	2.53	100	7.40	1.74	0.056	0.056	0.000	-0.001	01/11/2019	14:14
24	K1075-13		1	2.50	100	7.33	1.83	0.048	0.048	0.000	-0.001	01/11/2019	14:15
25	K1075-15		1	2.51	100	7.10	1.59	0.035	0.035	0.000	-0.001	01/11/2019	14:15
26	K1075-17		1	2.52	100	7.09	2.20	0.060	0.060	0.000	-0.001	01/11/2019	14:16
27	CCV3	0.5	1	100	100		2.35	0.000	0.391	0.391	0.507	01/11/2019	14:16
28	CCB3		1	100	100		1.77	0.000	0.000	0.000	-0.001	01/11/2019	14:17
29	K1075-19		1	2.54	100	7.20	1.33	0.029	0.029	0.000	-0.001	01/11/2019	14:17
30	PB116345BL		1	2.52	100	7.14	2.13	0.000	0.000	0.000	-0.001	01/11/2019	14:18
31	PB116345BS	20	1	2.50	100	7.11	1.78	0.000	0.392	0.392	0.508	01/11/2019	14:18
32	K1011-01		1	2.50	100	7.69	1.69	0.022	0.022	0.000	-0.001	01/11/2019	14:19
33	K1011-03		1	2.55	100	7.78	1.90	0.026	0.026	0.000	-0.001	01/11/2019	14:19
34	K1094-01		1	2.51	100	7.05	2.33	0.018	0.018	0.000	-0.001	01/11/2019	14:20
35	K1094-03		1	2.53	100	7.69	1.60	0.025	0.025	0.000	-0.001	01/11/2019	14:20
36	K1100-01		1	2.50	100	7.10	2.37	0.010	0.010	0.000	-0.001	01/11/2019	14:21
37	K1100-03		1	2.53	100	7.41	1.80	0.015	0.015	0.000	-0.001	01/11/2019	14:21
38	K1100-05		1	2.51	100	7.69	1.54	0.017	0.017	0.000	-0.001	01/11/2019	14:21
39	CCV4	0.5	1	100	100		2.30	0.000	0.392	0.392	0.508	01/11/2019	14:22
40	CCB4		1	100	100		1.91	0.000	0.000	0.000	-0.001	01/11/2019	14:22
41	K1100-07		1	2.52	100	7.33	1.88	0.011	0.011	0.000	-0.001	01/11/2019	14:23
42	K1113-01		1	2.55	100	7.40	1.97	0.015	0.015	0.000	-0.001	01/11/2019	14:23

43	K1113-01DUP		1	2.50	100	7.10	1.77	0.013	0.013	0.000	-0.001	01/11/2019	14:24
44	K1113-01MSPre	40	2	2.54	100	7.56	1.88	0.015	0.352	0.337	0.437	01/11/2019	14:24
45	K1113-01MS2Ins	1284	40	2.53	100	7.48	2.19	0.011	0.599	0.588	0.762	01/11/2019	14:25
46	K1113-01MS3Post	40	2	2.55	100	7.50	2.33	0.016	0.358	0.342	0.443	01/11/2019	14:25
47	K1124-01		1	2.51	100	7.46	1.90	0.048	0.048	0.000	-0.001	01/11/2019	14:26
48	CCV5	0.5	1	100	100		1.78	0.000	0.392	0.392	0.508	01/11/2019	14:26
49	CCB5		1	100	100		1.99	0.000	0.000	0.000	-0.001	01/11/2019	14:27