



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB100256

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP70825
Calibration Std. hexchrome 0.05 ppm	WP70824
5N sulfuric acid	WP70044
Calibratation STD HexaChrome 1 PPM	WP70827
Calibratation STD Hexa Chrome 0.5 PPM	WP70826
calibration std. hexchrome 0.01 ppm	WP70822
calibration std. hexchrome 0 ppm	WP70819
Hexavalent Chromium ICV Std.	WP70828
Hexavalent Chromium CCV Std	WP70830
hexavalent chromium color reagent	WP70831
HNO3 Hex-Chrome, 5M	WP70045
Calibration std Hexachrome, 0.025ppm	WP70823

Intercept: 0.0001

Slope: 0.7703

Regression: 0.999981

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		2.17	0.000	0.000	0.000	01/10/2019	14:00
2	CAL2	0.01	1	100	100		2.88	0.000	0.007	0.007	01/10/2019	14:00
3	CAL3	0.025	1	100	100		2.16	0.000	0.017	0.017	01/10/2019	14:01
4	CAL4	0.05	1	100	100		1.90	0.000	0.039	0.039	01/10/2019	14:01
5	CAL5	0.1	1	100	100		1.67	0.000	0.079	0.079	01/10/2019	14:02
6	CAL6	0.5	1	100	100		2.20	0.000	0.388	0.388	01/10/2019	14:02
7	CAL7	1	1	100	100		1.74	0.000	0.769	0.769	01/10/2019	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		1.85	0.000	0.390	0.390	0.506	01/10/2019	14:03
2	ICB		1	100	100		2.34	0.000	0.000	0.000	0.000	01/10/2019	14:04
3	CCV1	0.5	1	100	100		1.59	0.000	0.391	0.391	0.507	01/10/2019	14:04
4	CCB1		1	100	100		1.66	0.000	0.000	0.000	0.000	01/10/2019	14:05
5	PB116268BL		1	2.52	100	7.13	2.25	0.000	0.000	0.000	0.000	01/10/2019	14:05
6	PB116268BS	20	1	2.55	100	7.80	1.70	0.000	0.379	0.379	0.492	01/10/2019	14:06
7	K1006-01		1	2.50	100	7.66	2.15	0.020	0.020	0.000	0.000	01/10/2019	14:06
8	K1006-01DUP		1	2.55	100	7.44	1.92	0.019	0.019	0.000	0.000	01/10/2019	14:07
9	K1006-01MSPre	40	2	2.53	100	7.06	2.11	0.022	0.368	0.346	0.449	01/10/2019	14:07
10	K1006-01MS2Ins	1284	40	2.54	100	7.91	2.17	0.017	0.608	0.591	0.767	01/10/2019	14:08
11	K1006-01MS3Post	40	2	2.50	100	7.40	1.77	0.024	0.373	0.349	0.453	01/10/2019	14:08
12	K1006-03		1	2.51	100	7.88	2.13	0.027	0.027	0.000	0.000	01/10/2019	14:09
13	K1006-05		1	2.55	100	7.30	2.06	0.038	0.038	0.000	0.000	01/10/2019	14:09
14	K1006-07		1	2.50	100	7.15	2.43	0.033	0.033	0.000	0.000	01/10/2019	14:10
15	CCV2	0.5	1	100	100		1.90	0.000	0.391	0.391	0.507	01/10/2019	14:10
16	CCB2		1	100	100		2.16	0.000	0.000	0.000	0.000	01/10/2019	14:11
17	K1006-09		1	2.54	100	7.20	2.31	0.027	0.027	0.000	0.000	01/10/2019	14:11
18	K1006-11		1	2.51	100	7.33	1.78	0.031	0.031	0.000	0.000	01/10/2019	14:12
19	K1006-13		1	2.50	100	7.44	1.74	0.035	0.035	0.000	0.000	01/10/2019	14:12
20	K1006-15		1	2.54	100	7.69	2.15	0.044	0.044	0.000	0.000	01/10/2019	14:13
21	K1006-17		1	2.52	100	7.74	2.22	0.040	0.040	0.000	0.000	01/10/2019	14:13
22	K1006-19		1	2.50	100	7.33	2.38	0.028	0.028	0.000	0.000	01/10/2019	14:14
23	K1008-01		1	2.51	100	7.25	2.42	0.039	0.039	0.000	0.000	01/10/2019	14:14
24	PB116301BL		1	2.53	100	7.32	1.89	0.000	0.000	0.000	0.000	01/10/2019	14:15
25	PB116301BS	20	1	2.51	100	7.64	1.71	0.000	0.375	0.375	0.487	01/10/2019	14:15
26	K1082-01		1	2.51	100	7.38	2.20	0.029	0.029	0.000	0.000	01/10/2019	14:16
27	CCV3	0.5	1	100	100		2.14	0.000	0.392	0.392	0.509	01/10/2019	14:16
28	CCB3		1	100	100		1.76	0.000	0.000	0.000	0.000	01/10/2019	14:17
29	K1082-03		1	2.53	100	7.19	1.93	0.026	0.026	0.000	0.000	01/10/2019	14:17
30	K1082-05		1	2.55	100	7.07	2.05	0.036	0.036	0.000	0.000	01/10/2019	14:18
31	K1082-07		1	2.54	100	7.16	2.66	0.031	0.031	0.000	0.000	01/10/2019	14:18
32	K1082-09		1	2.50	100	7.30	1.80	0.024	0.024	0.000	0.000	01/10/2019	14:19
33	K1082-09DUP		1	2.51	100	7.41	2.25	0.025	0.025	0.000	0.000	01/10/2019	14:19
34	K1082-09MSPre	40	2	2.53	100	7.15	2.37	0.026	0.364	0.338	0.439	01/10/2019	14:20
35	K1082-09MS2Ins	1284	40	2.55	100	7.64	1.87	0.021	0.619	0.598	0.776	01/10/2019	14:20
36	K1082-09MS3Post	40	2	2.50	100	7.71	2.34	0.027	0.366	0.339	0.440	01/10/2019	14:21
37	K1082-11		1	2.51	100	7.58	2.10	0.040	0.040	0.000	0.000	01/10/2019	14:21
38	K1083-01		1	2.54	100	7.40	1.76	0.010	0.010	0.000	0.000	01/10/2019	14:22
39	CCV4	0.5	1	100	100		1.63	0.000	0.392	0.392	0.509	01/10/2019	14:22
40	CCB4		1	100	100		2.07	0.000	0.000	0.000	0.000	01/10/2019	14:23
41	K1087-01		1	2.53	100	7.69	2.37	0.010	0.010	0.000	0.000	01/10/2019	14:23
42	K1087-05		1	2.50	100	7.77	2.15	0.019	0.019	0.000	0.000	01/10/2019	14:24

43	K1087-09		1	2.51	100	7.43	1.77	0.027	0.027	0.000	0.000	01/10/2019	14:24
44	K1087-14		1	2.52	100	7.78	1.56	0.050	0.050	0.000	0.000	01/10/2019	14:25
45	CCV5	0.5	1	100	100		2.04	0.000	0.393	0.393	0.510	01/10/2019	14:25
46	CCB5		1	100	100		2.35	0.000	0.000	0.000	0.000	01/10/2019	14:26