

Alytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB101571

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP72869
Calibratation STD Hexa Chrome 0.5 PPM	WP72868
Calibration Std. hexchrome 0.1 ppm	WP72867
Calibration Std. hexchrome 0.05 ppm	WP72866
calibration std. hexchrome 0.01 ppm	WP72864
calibration std. hexchrome 0 ppm	WP72863
Hexavalent Chromium ICV Std.	WP72870
Hexavalent Chromium CCV Std	WP72871
hexavalent chromium color reagent	WP72761
5N sulfuric acid	WP70044
Calibration std Hexachrome, 0.025ppm	WP72865
HNO3 Hex-Chrome, 5M	WP70045

Intercept: 0.0005

Slope: 0.7723

Regression: 0.999989

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		2.15	0.000	0.000	0.000	03/22/2019	10:30
2	CAL2	0.01	1	100	100		1.79	0.000	0.008	0.008	03/22/2019	10:30
3	CAL3	0.025	1	100	100		1.60	0.000	0.018	0.018	03/22/2019	10:31
4	CAL4	0.05	1	100	100		1.52	0.000	0.039	0.039	03/22/2019	10:31
5	CAL5	0.1	1	100	100		2.41	0.000	0.080	0.080	03/22/2019	10:32
6	CAL6	0.5	1	100	100		2.30	0.000	0.388	0.388	03/22/2019	10:32
7	CAL7	1	1	100	100		1.95	0.000	0.772	0.772	03/22/2019	10:33



Analytical Summary Report

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Run Number: LB101571

pH Meter ID: WC pH Meter-1

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		1.71	0.000	0.390	0.390	0.504	03/22/2019	10:33
2	ICB		1	100	100		2.36	0.000	0.000	0.000	-0.001	03/22/2019	10:34
3	CCV1	0.5	1	100	100		2.31	0.000	0.390	0.390	0.504	03/22/2019	10:34
4	CCB1		1	100	100		2.25	0.000	0.000	0.000	-0.001	03/22/2019	10:35
5	PB118149BL		1	2.54	100	7.22	1.73	0.000	0.000	0.000	-0.001	03/22/2019	10:35
6	PB118149BS	20	1	2.52	100	7.88	1.64	0.000	0.374	0.374	0.484	03/22/2019	10:36
7	K2004-01		1	2.54	100	7.33	2.04	0.022	0.022	0.000	-0.001	03/22/2019	10:36
8	K2004-01DUP		1	2.55	100	7.13	2.21	0.129	0.129	0.000	-0.001	03/22/2019	10:37
9	K2004-01MSPre	40	2	2.53	100	7.69	1.98	0.024	0.027	0.003	0.003	03/22/2019	10:37
10	K2004-01MS2Ins	1284	40	2.51	100	7.40	1.66	0.020	0.579	0.559	0.723	03/22/2019	10:38
11	K2004-01MS3Post	40	2	2.50	100	7.63	1.54	0.024	0.029	0.005	0.006	03/22/2019	10:38
12	K2004-02		1	2.54	100	7.55	2.13	0.129	0.129	0.000	-0.001	03/22/2019	10:39
13	K2004-03		1	2.52	100	7.22	2.17	0.039	0.039	0.000	-0.001	03/22/2019	10:39
14	K2004-04		1	2.51	100	7.10	2.31	0.115	0.115	0.000	-0.001	03/22/2019	10:40
15	CCV2	0.5	1	100	100		1.70	0.000	0.391	0.391	0.506	03/22/2019	10:40
16	CCB2		1	100	100		1.69	0.000	0.000	0.000	-0.001	03/22/2019	10:41
17	K2004-05		1	2.53	100	7.13	1.55	0.050	0.050	0.000	-0.001	03/22/2019	10:41
18	K2004-06		1	2.55	100	7.04	2.16	0.024	0.024	0.000	-0.001	03/22/2019	10:42
19	K2004-07		1	2.54	100	7.11	2.11	0.019	0.019	0.000	-0.001	03/22/2019	10:42
20	K2004-08		1	2.50	100	7.43	2.04	0.175	0.175	0.000	-0.001	03/22/2019	10:43
21	K2004-09		1	2.51	100	7.51	2.48	0.016	0.016	0.000	-0.001	03/22/2019	10:43
22	K2004-10		1	2.55	100	7.60	1.62	0.098	0.098	0.000	-0.001	03/22/2019	10:44
23	K2004-11		1	2.52	100	7.74	2.28	0.011	0.011	0.000	-0.001	03/22/2019	10:44
24	K2004-12		1	2.53	100	7.90	2.06	0.035	0.035	0.000	-0.001	03/22/2019	10:45
25	K2010-01		1	2.50	100	7.66	2.47	0.024	0.024	0.000	-0.001	03/22/2019	10:45
26	K2011-01		1	2.51	100	7.72	1.60	0.052	0.052	0.000	-0.001	03/22/2019	10:46
27	CCV3	0.5	1	100	100		1.97	0.000	0.391	0.391	0.506	03/22/2019	10:46
28	CCB3		1	100	100		1.63	0.000	0.000	0.000	-0.001	03/22/2019	10:47
29	PB118161BL		1	2.55	100	7.20	2.22	0.000	0.000	0.000	-0.001	03/22/2019	10:47
30	PB118161BS	20	1	2.50	100	7.63	2.38	0.000	0.383	0.383	0.495	03/22/2019	10:48
31	K1690-01		1	2.50	100	7.42	1.60	0.027	0.027	0.000	-0.001	03/22/2019	10:48
32	K1694-01		1	2.51	100	7.21	1.90	0.063	0.063	0.000	-0.001	03/22/2019	10:49
33	K1694-03		1	2.53	100	7.35	2.04	0.027	0.027	0.000	-0.001	03/22/2019	10:49
34	K1694-05		1	2.55	100	7.20	2.35	0.020	0.020	0.000	-0.001	03/22/2019	10:50
35	K1984-01		1	2.54	100	7.15	2.11	0.035	0.035	0.000	-0.001	03/22/2019	10:50
36	K1984-02		1	2.51	100	7.13	1.73	0.040	0.040	0.000	-0.001	03/22/2019	10:51
37	K1984-03		1	2.50	100	7.71	1.56	0.036	0.036	0.000	-0.001	03/22/2019	10:51
38	K1984-04		1	2.53	100	7.88	2.08	0.190	0.190	0.000	-0.001	03/22/2019	10:52
39	CCV4	0.5	1	100	100		2.21	0.000	0.392	0.392	0.507	03/22/2019	10:52
40	CCB4		1	100	100		2.36	0.000	0.000	0.000	-0.001	03/22/2019	10:53
41	K1984-05		1	2.51	100	7.36	2.40	0.038	0.038	0.000	-0.001	03/22/2019	10:53
42	K1984-06		1	2.50	100	7.64	1.88	0.056	0.056	0.000	-0.001	03/22/2019	10:54

43	K2002-01		1	2.55	100	7.20	1.92	0.014	0.014	0.000	-0.001	03/22/2019	10:54
44	K2002-03		1	2.52	100	7.49	1.74	0.010	0.010	0.000	-0.001	03/22/2019	10:55
45	K2002-03DUP		1	2.55	100	7.21	1.54	0.012	0.012	0.000	-0.001	03/22/2019	10:55
46	K2002-03MSPre	40	2	2.53	100	7.14	2.02	0.012	0.377	0.365	0.472	03/22/2019	10:56
47	K2002-03MS2Ins	1284	40	2.51	100	7.19	2.17	0.011	0.621	0.610	0.789	03/22/2019	10:56
48	K2002-03MS3Post	40	2	2.52	100	7.20	2.20	0.014	0.381	0.367	0.475	03/22/2019	10:57
49	CCV5	0.5	1	100	100		1.90	0.000	0.392	0.392	0.507	03/22/2019	10:57
50	CCB5		1	100	100		1.99	0.000	0.000	0.000	-0.001	03/22/2019	10:58