

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB101821

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP73225
Calibratation STD Hexa Chrome 0.5 PPM	WP73224
Calibration Std. hexchrome 0.1 ppm	WP73223
Calibration Std. hexchrome 0.05 ppm	WP73222
calibration std. hexchrome 0.01 ppm	WP73220
calibration std. hexchrome 0 ppm	WP73219
Hexavalent Chromium ICV Std.	WP73226
Hexavalent Chromium CCV Std	WP73227
hexavalent chromium color reagent	WP73085
5N sulfuric acid	WP70044
Calibration std Hexachrome, 0.025ppm	WP73221
HNO3 Hex-Chrome, 5M	WP70045

Intercept: 0.0001

Slope: 0.7727

Regression: 0.999969

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	04/02/2019	15:00
2	CAL2	0.01	1	100	100		1.98	0.000	0.008	0.008	04/02/2019	15:00
3	CAL3	0.025	1	100	100		1.63	0.000	0.017	0.017	04/02/2019	15:01
4	CAL4	0.05	1	100	100		2.21	0.000	0.037	0.037	04/02/2019	15:01
5	CAL5	0.1	1	100	100		2.33	0.000	0.080	0.080	04/02/2019	15:02
6	CAL6	0.5	1	100	100		1.87	0.000	0.390	0.390	04/02/2019	15:02
7	CAL7	1	1	100	100		1.57	0.000	0.771	0.771	04/02/2019	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		1.78	0.000	0.392	0.392	0.507	04/02/2019	15:03
2	ICB		1	100	100		1.88	0.000	0.000	0.000	0.000	04/02/2019	15:04
3	CCV1	0.5	1	100	100		2.14	0.000	0.393	0.393	0.508	04/02/2019	15:04
4	CCB1		1	100	100		2.25	0.000	0.000	0.000	0.000	04/02/2019	15:05
5	PB118542BL		1	2.52	100	7.31	1.63	0.000	0.000	0.000	0.000	04/02/2019	15:05
6	PB118542BS	20	1	2.54	100	7.20	2.03	0.000	0.361	0.361	0.467	04/02/2019	15:06
7	K1695-04		1	2.51	100	7.44	1.52	0.018	0.018	0.000	0.000	04/02/2019	15:06
8	K1695-04DUP		1	2.54	100	7.63	2.36	0.017	0.017	0.000	0.000	04/02/2019	15:07
9	K1695-04MSPre	40	2	2.50	100	7.74	2.44	0.019	0.357	0.338	0.437	04/02/2019	15:07
10	K1695-04MS2Ins	1284	40	2.51	100	7.82	1.90	0.015	0.578	0.563	0.728	04/02/2019	15:08
11	K1695-04MS3Post	40	2	2.55	100	7.90	1.62	0.019	0.363	0.344	0.445	04/02/2019	15:08
12	K1695-08		1	2.52	100	7.10	2.41	0.007	0.007	0.000	0.000	04/02/2019	15:09
13	K2086-01		1	2.50	100	7.12	2.25	0.014	0.014	0.000	0.000	04/02/2019	15:09
14	K2086-02		1	2.53	100	7.63	1.87	0.033	0.033	0.000	0.000	04/02/2019	15:10
15	CCV2	0.5	1	100	100		1.95	0.000	0.393	0.393	0.508	04/02/2019	15:10
16	CCB2		1	100	100		1.54	0.000	0.000	0.000	0.000	04/02/2019	15:11
17	K2086-03		1	2.51	100	7.10	2.38	0.011	0.011	0.000	0.000	04/02/2019	15:11
18	K2086-04		1	2.50	100	7.33	2.25	0.012	0.012	0.000	0.000	04/02/2019	15:12
19	K2086-05		1	2.54	100	7.95	1.60	0.019	0.019	0.000	0.000	04/02/2019	15:12
20	K2086-06		1	2.52	100	7.66	2.17	0.005	0.005	0.000	0.000	04/02/2019	15:13
21	K2086-07		1	2.55	100	7.20	2.41	0.017	0.017	0.000	0.000	04/02/2019	15:13
22	K2190-01		1	2.53	100	7.03	1.92	0.013	0.013	0.000	0.000	04/02/2019	15:14
23	K2190-04		1	2.51	100	7.41	2.30	0.016	0.016	0.000	0.000	04/02/2019	15:14
24	K2196-01		1	2.50	100	7.20	2.25	0.010	0.010	0.000	0.000	04/02/2019	15:15
25	PB118546BL		1	2.53	100	7.05	2.10	0.000	0.000	0.000	0.000	04/02/2019	15:15
26	PB118546BS	20	1	2.50	100	7.11	1.77	0.000	0.378	0.378	0.489	04/02/2019	15:16
27	CCV3	0.5	1	100	100		1.56	0.000	0.394	0.394	0.510	04/02/2019	15:16
28	CCB3		1	100	100		1.60	0.000	0.000	0.000	0.000	04/02/2019	15:17
29	K2097-01		1	2.50	100	7.06	1.82	0.032	0.032	0.000	0.000	04/02/2019	15:17
30	K2097-02		1	2.53	100	7.90	2.07	0.020	0.020	0.000	0.000	04/02/2019	15:18
31	K2097-03		1	2.51	100	7.31	2.30	0.014	0.014	0.000	0.000	04/02/2019	15:18
32	K2097-04		1	2.55	100	7.62	1.71	0.019	0.019	0.000	0.000	04/02/2019	15:19
33	K2097-05		1	2.54	100	7.43	1.60	0.066	0.066	0.000	0.000	04/02/2019	15:19
34	K2097-06		1	2.53	100	7.12	2.09	0.014	0.020	0.006	0.008	04/02/2019	15:20
35	K2185-02		1	2.50	100	7.03	1.91	0.039	0.039	0.000	0.000	04/02/2019	15:20
36	K2213-01		1	2.51	100	7.60	1.77	0.011	0.011	0.000	0.000	04/02/2019	15:21
37	K2213-03		1	2.52	100	7.22	2.03	0.004	0.004	0.000	0.000	04/02/2019	15:21
38	K2213-05		1	2.50	100	7.07	2.42	0.009	0.009	0.000	0.000	04/02/2019	15:22
39	CCV4	0.5	1	100	100		1.63	0.000	0.394	0.394	0.510	04/02/2019	15:22
40	CCB4		1	100	100		2.05	0.000	0.000	0.000	0.000	04/02/2019	15:23
41	K2213-07		1	2.55	100	7.52	1.61	0.006	0.006	0.000	0.000	04/02/2019	15:23
42	K2213-07DUP		1	2.52	100	7.47	2.04	0.007	0.007	0.000	0.000	04/02/2019	15:24

43	K2213-07MSPre	40	2	2.50	100	7.66	2.10	0.009	0.361	0.352	0.455	04/02/2019	15:24
44	K2213-07MS2Ins	1284	40	2.53	100	7.95	1.69	0.005	0.607	0.602	0.779	04/02/2019	15:25
45	K2213-07MS3Post	40	2	2.54	100	7.63	1.84	0.010	0.368	0.358	0.463	04/02/2019	15:25
46	CCV5	0.5	1	100	100		2.21	0.000	0.394	0.394	0.510	04/02/2019	15:26
47	CCB5		1	100	100		2.36	0.000	0.000	0.000	0.000	04/02/2019	15:26