

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB101796

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP73197
Calibratation STD Hexa Chrome 0.5 PPM	WP73196
Calibration Std. hexchrome 0.1 ppm	WP73195
Calibration Std. hexchrome 0.05 ppm	WP73194
calibration std. hexchrome 0.01 ppm	WP73192
calibration std. hexchrome 0 ppm	WP73188
Hexavalent Chromium ICV Std.	WP73198
Hexavalent Chromium CCV Std	WP73199
hexavalent chromium color reagent	WP73085
5N sulfuric acid	WP70044
Calibration std Hexachrome, 0.025ppm	WP73193

Intercept: 0.0004

Slope: 0.7716

Regression: 0.99997

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	04/01/2019	16:00
2	CAL2	0.01	1	100	100		2.17	0.000	0.007	0.007	04/01/2019	16:00
3	CAL3	0.025	1	100	100		1.80	0.000	0.017	0.017	04/01/2019	16:01
4	CAL4	0.05	1	100	100		1.66	0.000	0.040	0.040	04/01/2019	16:01
5	CAL5	0.1	1	100	100		2.03	0.000	0.079	0.079	04/01/2019	16:02
6	CAL6	0.5	1	100	100		2.42	0.000	0.390	0.390	04/01/2019	16:02
7	CAL7	1	1	100	100		2.31	0.000	0.770	0.770	04/01/2019	16:03



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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		1.88	0.000	0.392	0.392	0.508	04/01/2019	16:03
2	ICB		1	100	100		2.13	0.000	0.000	0.000	-0.001	04/01/2019	16:04
3	CCV1	0.5	1	100	100		1.70	0.000	0.392	0.392	0.508	04/01/2019	16:04
4	CCB1		1	100	100		1.83	0.000	0.000	0.000	-0.001	04/01/2019	16:05
5	PB118472BL		1	2.52	100	7.55	2.24	0.000	0.000	0.000	-0.001	04/01/2019	16:05
6	PB118472BS	20	1	2.53	100	7.69	2.30	0.000	0.369	0.369	0.478	04/01/2019	16:06
7	K1689-03		1	2.50	100	7.12	1.70	0.008	0.008	0.000	-0.001	04/01/2019	16:06
8	K1689-05		1	2.51	100	7.20	1.65	0.010	0.010	0.000	-0.001	04/01/2019	16:07
9	K1692-05		1	2.55	100	7.35	1.69	0.008	0.008	0.000	-0.001	04/01/2019	16:19
10	K2171-01		1	2.51	100	7.76	1.79	0.015	0.015	0.000	-0.001	04/01/2019	16:19
11	K2174-01		1	2.54	100	7.33	1.20	0.028	0.028	0.000	-0.001	04/01/2019	16:20
12	K2179-03		1	2.53	100	7.18	1.98	0.004	0.004	0.000	-0.001	04/01/2019	16:20
13	K2179-03DUP		1	2.52	100	7.02	1.65	0.005	0.005	0.000	-0.001	04/01/2019	16:21
14	K2179-03MSPre	40	2	2.50	100	7.28	2.04	0.007	0.357	0.350	0.453	04/01/2019	16:21
15	CCV2	0.5	1	100	100		2.18	0.000	0.393	0.393	0.509	04/01/2019	16:22
16	CCB2		1	100	100		1.77	0.000	0.000	0.000	-0.001	04/01/2019	16:22
17	K2179-03MS2Ins	1284	40	2.51	100	7.44	2.07	0.006	0.625	0.619	0.802	04/01/2019	16:23
18	K2179-03MS3Post	40	2	2.50	100	7.21	2.35	0.008	0.365	0.357	0.462	04/01/2019	16:23
19	K2179-07		1	2.52	100	7.56	1.67	0.016	0.016	0.000	-0.001	04/01/2019	16:24
20	K2179-11		1	2.55	100	7.63	1.82	0.010	0.011	0.001	0.001	04/01/2019	16:24
21	K2179-15		1	2.53	100	7.72	2.45	0.012	0.012	0.000	-0.001	04/01/2019	16:25
22	K2179-19		1	2.50	100	7.13	2.43	0.018	0.018	0.000	-0.001	04/01/2019	16:25
23	K2183-01		1	2.51	100	7.22	1.39	0.018	0.018	0.000	-0.001	04/01/2019	16:26
24	K2184-01		1	2.54	100	7.53	1.56	0.006	0.008	0.002	0.002	04/01/2019	16:26
25	PB118503BL		1	2.50	100	7.61	1.70	0.000	0.000	0.000	-0.001	04/01/2019	16:27
26	PB118503BS	20	1	2.52	100	7.32	2.14	0.000	0.380	0.380	0.492	04/01/2019	16:27
27	CCV3	0.5	1	100	100		2.35	0.000	0.393	0.393	0.509	04/01/2019	16:28
28	CCB3		1	100	100		1.88	0.000	0.000	0.000	-0.001	04/01/2019	16:28
29	K2180-03		1	2.55	100	7.22	1.54	0.017	0.017	0.000	-0.001	04/01/2019	16:29
30	K2180-07		1	2.53	100	7.25	2.10	0.015	0.016	0.001	0.001	04/01/2019	16:29
31	K2180-11		1	2.50	100	7.30	2.41	0.012	0.012	0.000	-0.001	04/01/2019	16:30
32	K2180-15		1	2.54	100	7.12	1.63	0.018	0.018	0.000	-0.001	04/01/2019	16:30
33	K2180-19		1	2.52	100	7.36	2.05	0.020	0.020	0.000	-0.001	04/01/2019	16:25
34	K2180-23		1	2.50	100	7.60	1.66	0.010	0.010	0.000	-0.001	04/01/2019	16:25
35	K2180-23DUP		1	2.51	100	7.55	1.95	0.012	0.012	0.000	-0.001	04/01/2019	16:26
36	K2180-23MSPre	40	2	2.52	100	7.52	2.11	0.014	0.369	0.355	0.460	04/01/2019	16:26
37	K2180-23MS2Ins	1284	40	2.53	100	7.12	2.34	0.008	0.606	0.598	0.774	04/01/2019	16:27
38	K2180-23MS3Post	40	2	2.50	100	7.08	1.64	0.015	0.373	0.358	0.463	04/01/2019	16:27
39	CCV4	0.5	1	100	100		2.18	0.000	0.394	0.394	0.510	04/01/2019	16:28
40	CCB4		1	100	100		2.23	0.000	0.000	0.000	-0.001	04/01/2019	16:28
41	K2180-27		1	2.51	100	7.25	1.55	0.037	0.037	0.000	-0.001	04/01/2019	16:29
42	K2180-31		1	2.55	100	7.66	1.69	0.004	0.004	0.000	-0.001	04/01/2019	16:29

43	K2182-01		1	2.53	100	7.71	2.03	0.020	0.020	0.000	-0.001	04/01/2019	16:30
44	K2182-03		1	2.52	100	7.82	1.62	0.016	0.016	0.000	-0.001	04/01/2019	16:30
45	K2182-05		1	2.50	100	7.90	2.35	0.013	0.013	0.000	-0.001	04/01/2019	16:31
46	K2182-07		1	2.54	100	7.44	2.13	0.021	0.021	0.000	-0.001	04/01/2019	16:31
47	K2182-09		1	2.51	100	7.65	2.41	0.010	0.011	0.001	0.001	04/01/2019	16:32
48	CCV5	0.5	1	100	100		1.67	0.000	0.394	0.394	0.510	04/01/2019	16:32
49	CCB5		1	100	100		2.35	0.000	0.000	0.000	-0.001	04/01/2019	16:33