



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromiu

SUPERVISOR REVIEW BY: apatel

Run Number: LB102173

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP73817
Calibratation STD Hexa Chrome 0.5 PPM	WP73816
Calibration Std. hexchrome 0.1 ppm	WP73815
Calibration Std. hexchrome 0.05 ppm	WP73814
calibration std. hexchrome 0.01 ppm	WP73812
calibration std. hexchrome 0 ppm	WP73811
Hexavalent Chromium ICV Std.	WP73818
Hexavalent Chromium CCV Std	WP73819
hexavalent chromium color reagent	WP73561
5N sulfuric acid	WP70044
Calibration std Hexachrome, 0.025ppm	WP73813
HNO3 Hex-Chrome, 5M	WP70045

Intercept: 0.0006

Slope: 0.7714

Regression: 0.999972

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		2.13	0.000	0.000	0.000	04/17/2019	16:00
2	CAL2	0.01	1	100	100		1.88	0.000	0.007	0.007	04/17/2019	16:00
3	CAL3	0.025	1	100	100		1.63	0.000	0.018	0.018	04/17/2019	16:01
4	CAL4	0.05	1	100	100		1.54	0.000	0.039	0.039	04/17/2019	16:01
5	CAL5	0.1	1	100	100		2.06	0.000	0.080	0.080	04/17/2019	16:02
6	CAL6	0.5	1	100	100		2.11	0.000	0.390	0.390	04/17/2019	16:02
7	CAL7	1	1	100	100		2.12	0.000	0.770	0.770	04/17/2019	16:03



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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		1.88	0.000	0.392	0.392	0.507	04/17/2019	16:03
2	ICB		1	100	100		1.52	0.000	0.000	0.000	-0.001	04/17/2019	16:04
3	CCV1	0.5	1	100	100		1.61	0.000	0.393	0.393	0.509	04/17/2019	16:04
4	CCB1		1	100	100		2.07	0.000	0.000	0.000	-0.001	04/17/2019	16:05
5	PB118991BL		1	2.55	100	7.20	2.45	0.000	0.000	0.000	-0.001	04/17/2019	16:05
6	PB118991BS	20	1	2.54	100	7.81	2.06	0.000	0.385	0.385	0.498	04/17/2019	16:06
7	K2196-05		1	2.50	100	7.12	2.21	0.020	0.020	0.000	-0.001	04/17/2019	16:06
8	K2196-05DUP		1	2.52	100	7.06	2.33	0.018	0.018	0.000	-0.001	04/17/2019	16:07
9	K2196-05MSPre	40	2	2.51	100	7.23	2.45	0.021	0.370	0.349	0.452	04/17/2019	16:07
10	K2196-05MS2Ins	1284	40	2.53	100	7.89	1.70	0.019	0.633	0.614	0.795	04/17/2019	16:08
11	K2196-05MS3Post	40	2	2.52	100	7.92	1.92	0.023	0.375	0.352	0.456	04/17/2019	16:08
12	K2197-05		1	2.53	100	7.77	1.85	0.030	0.030	0.000	-0.001	04/17/2019	16:09
13	K2197-07		1	2.51	100	7.43	1.54	0.025	0.025	0.000	-0.001	04/17/2019	16:09
14	K2197-09		1	2.50	100	7.30	2.09	0.038	0.038	0.000	-0.001	04/17/2019	16:10
15	CCV2	0.5	1	100	100		2.16	0.000	0.393	0.393	0.509	04/17/2019	16:10
16	CCB2		1	100	100		2.18	0.000	0.000	0.000	-0.001	04/17/2019	16:11
17	K2197-11		1	2.54	100	7.25	1.73	0.043	0.043	0.000	-0.001	04/17/2019	16:11
18	K2197-13		1	2.51	100	7.10	1.80	0.039	0.039	0.000	-0.001	04/17/2019	16:12
19	K2198-03		1	2.53	100	7.21	2.08	0.016	0.016	0.000	-0.001	04/17/2019	16:12
20	K2434-01		1	2.51	100	7.11	2.25	0.020	0.020	0.000	-0.001	04/17/2019	16:13
21	K2436-01		1	2.53	100	7.08	2.40	0.035	0.035	0.000	-0.001	04/17/2019	16:13
22	K2436-03		1	2.55	100	7.22	2.07	0.040	0.040	0.000	-0.001	04/17/2019	16:14
23	K2437-01		1	2.52	100	7.46	1.66	0.082	0.082	0.000	-0.001	04/17/2019	16:14
24	K2444-01		1	2.50	100	7.59	1.90	0.032	0.032	0.000	-0.001	04/17/2019	16:15
25	K2444-03		1	2.50	100	7.11	1.78	0.027	0.027	0.000	-0.001	04/17/2019	16:15
26	PB119001BL		1	2.53	100	7.63	2.09	0.000	0.000	0.000	-0.001	04/17/2019	16:16
27	CCV3	0.5	1	100	100		2.15	0.000	0.394	0.394	0.510	04/17/2019	16:16
28	CCB3		1	100	100		2.39	0.000	0.000	0.000	-0.001	04/17/2019	16:17
29	PB119001BS	20	1	2.54	100	7.25	2.41	0.000	0.385	0.385	0.498	04/17/2019	16:17
30	K2414-01		1	2.53	100	7.86	1.56	0.040	0.040	0.000	-0.001	04/17/2019	16:18
31	K2417-01		1	2.54	100	7.22	1.83	0.092	0.092	0.000	-0.001	04/17/2019	16:18
32	K2441-03		1	2.52	100	7.10	1.22	0.030	0.030	0.000	-0.001	04/17/2019	16:19
33	K2442-03		1	2.50	100	7.29	2.13	0.009	0.010	0.001	0.001	04/17/2019	16:19
34	K2442-07		1	2.51	100	7.17	2.15	0.013	0.018	0.005	0.006	04/17/2019	16:20
35	K2442-11		1	2.53	100	7.20	1.63	0.017	0.025	0.008	0.010	04/17/2019	16:20
36	K2442-11DUP		1	2.55	100	7.85	1.52	0.018	0.026	0.008	0.010	04/17/2019	16:21
37	K2442-11MSPre	40	2	2.50	100	7.33	2.48	0.019	0.375	0.356	0.461	04/17/2019	16:21
38	K2442-11MS2Ins	1284	40	2.52	100	7.06	1.75	0.018	0.612	0.594	0.769	04/17/2019	16:22
39	CCV4	0.5	1	100	100		2.36	0.000	0.394	0.394	0.510	04/17/2019	16:22
40	CCB4		1	100	100		2.31	0.000	0.000	0.000	-0.001	04/17/2019	16:23
41	K2442-11MS3Post	40	2	2.51	100	7.12	1.72	0.021	0.380	0.359	0.465	04/17/2019	16:23
42	K2442-15		1	2.54	100	7.29	1.84	0.015	0.020	0.005	0.006	04/17/2019	16:24

43	K2453-01		1	2.50	100	7.35	2.20	0.008	0.008	0.000	-0.001	04/17/2019	16:24
44	CCV5	0.5	1	100	100		2.10	0.000	0.394	0.394	0.510	04/17/2019	16:25
45	CCB5		1	100	100		1.98	0.000	0.000	0.000	-0.001	04/17/2019	16:25