



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromiu

SUPERVISOR REVIEW BY: apatel

Run Number: LB102138

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP73745
Calibratation STD Hexa Chrome 0.5 PPM	WP73744
Calibration Std. hexchrome 0.1 ppm	WP73743
Calibration Std. hexchrome 0.05 ppm	WP73742
calibration std. hexchrome 0.01 ppm	WP73740
calibration std. hexchrome 0 ppm	WP73739
Hexavalent Chromium ICV Std.	WP73746
Hexavalent Chromium CCV Std	WP73748
hexavalent chromium color reagent	WP73561
5N sulfuric acid	WP70044
Calibration std Hexachrome, 0.025ppm	WP73741
HNO3 Hex-Chrome, 5M	WP70045

Intercept: -0

Slope: 0.7721

Regression: 0.999986

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		2.31	0.000	0.000	0.000	04/16/2019	15:00
2	CAL2	0.01	1	100	100		1.64	0.000	0.007	0.007	04/16/2019	15:00
3	CAL3	0.025	1	100	100		1.77	0.000	0.017	0.017	04/16/2019	15:01
4	CAL4	0.05	1	100	100		2.08	0.000	0.039	0.039	04/16/2019	15:01
5	CAL5	0.1	1	100	100		2.33	0.000	0.079	0.079	04/16/2019	15:02
6	CAL6	0.5	1	100	100		2.41	0.000	0.388	0.388	04/16/2019	15:02
7	CAL7	1	1	100	100		1.58	0.000	0.771	0.771	04/16/2019	15:03



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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		2.06	0.000	0.392	0.392	0.508	04/16/2019	15:03
2	ICB		1	100	100		1.89	0.000	0.000	0.000	0.000	04/16/2019	15:04
3	CCV1	0.5	1	100	100		1.53	0.000	0.393	0.393	0.509	04/16/2019	15:04
4	CCB1		1	100	100		1.97	0.000	0.000	0.000	0.000	04/16/2019	15:05
5	PB118941BL		1	2.52	100	7.33	2.04	0.000	0.000	0.000	0.000	04/16/2019	15:05
6	PB118941BS	20	1	2.55	100	7.16	2.37	0.000	0.370	0.370	0.479	04/16/2019	15:06
7	K2203-09		1	2.51	100	7.28	2.10	0.049	0.049	0.000	0.000	04/16/2019	15:06
8	K2203-11		1	2.55	100	7.60	2.25	0.045	0.045	0.000	0.000	04/16/2019	15:07
9	K2389-02		1	2.50	100	7.90	1.66	0.013	0.013	0.000	0.000	04/16/2019	15:07
10	K2389-03		1	2.53	100	7.43	1.72	0.008	0.008	0.000	0.000	04/16/2019	15:08
11	K2389-04		1	2.54	100	7.10	1.80	0.011	0.011	0.000	0.000	04/16/2019	15:08
12	K2389-05		1	2.55	100	7.77	2.14	0.017	0.017	0.000	0.000	04/16/2019	15:09
13	K2411-03		1	2.50	100	7.35	2.20	0.020	0.020	0.000	0.000	04/16/2019	15:09
14	K2411-07		1	2.52	100	7.21	2.35	0.014	0.014	0.000	0.000	04/16/2019	15:10
15	CCV2	0.5	1	100	100		1.73	0.000	0.393	0.393	0.509	04/16/2019	15:10
16	CCB2		1	100	100		1.90	0.000	0.000	0.000	0.000	04/16/2019	15:11
17	K2411-07DUP		1	2.54	100	7.14	2.16	0.013	0.013	0.000	0.000	04/16/2019	15:11
18	K2411-07MSPre	40	2	2.52	100	7.28	2.39	0.016	0.358	0.342	0.443	04/16/2019	15:12
19	K2411-07MS2Ins	1284	40	2.53	100	7.33	2.04	0.012	0.630	0.618	0.800	04/16/2019	15:12
20	K2411-07MS3Post	40	2	2.51	100	7.45	1.78	0.017	0.364	0.347	0.449	04/16/2019	15:13
21	K2411-11		1	2.50	100	7.70	1.84	0.019	0.019	0.000	0.000	04/16/2019	15:13
22	PB118942BL		1	2.52	100	7.88	2.03	0.000	0.000	0.000	0.000	04/16/2019	15:14
23	PB118942BS	20	1	2.50	100	7.30	2.11	0.000	0.380	0.380	0.492	04/16/2019	15:14
24	K2422-03		1	2.53	100	7.28	2.36	0.019	0.019	0.000	0.000	04/16/2019	15:15
25	K2422-07		1	2.55	100	7.14	2.17	0.017	0.017	0.000	0.000	04/16/2019	15:15
26	K2422-11		1	2.54	100	7.52	2.28	0.014	0.014	0.000	0.000	04/16/2019	15:16
27	CCV3	0.5	1	100	100		1.77	0.000	0.393	0.393	0.509	04/16/2019	15:16
28	CCB3		1	100	100		1.96	0.000	0.000	0.000	0.000	04/16/2019	15:17
29	K2423-01		1	2.51	100	7.30	1.88	0.018	0.018	0.000	0.000	04/16/2019	15:17
30	K2423-03		1	2.50	100	7.20	1.75	0.020	0.020	0.000	0.000	04/16/2019	15:18
31	K2423-05		1	2.54	100	7.44	2.09	0.022	0.022	0.000	0.000	04/16/2019	15:18
32	K2423-07		1	2.52	100	7.31	2.34	0.015	0.015	0.000	0.000	04/16/2019	15:19
33	K2423-09		1	2.50	100	7.28	2.20	0.008	0.008	0.000	0.000	04/16/2019	15:19
34	K2423-09DUP		1	2.55	100	7.46	2.45	0.009	0.009	0.000	0.000	04/16/2019	15:20
35	K2423-09MSPre	40	2	2.53	100	7.22	1.93	0.011	0.370	0.359	0.465	04/16/2019	15:20
36	K2423-09MS2Ins	1284	40	2.51	100	7.24	1.66	0.010	0.609	0.599	0.776	04/16/2019	15:21
37	K2423-09MS3Post	40	2	2.52	100	7.30	2.09	0.012	0.373	0.361	0.468	04/16/2019	15:21
38	K2423-11		1	2.54	100	7.15	2.36	0.013	0.013	0.000	0.000	04/16/2019	15:22
39	CCV4	0.5	1	100	100		2.18	0.000	0.393	0.393	0.509	04/16/2019	15:22
40	CCB4		1	100	100		1.98	0.000	0.000	0.000	0.000	04/16/2019	15:23
41	K2423-13		1	2.52	100	7.32	1.74	0.014	0.014	0.000	0.000	04/16/2019	15:23
42	K2423-15		1	2.50	100	7.94	2.20	0.017	0.017	0.000	0.000	04/16/2019	15:24

43	K2423-17		1	2.53	100	7.88	2.36	0.035	0.035	0.000	0.000	04/16/2019	15:24
44	K2423-19		1	2.51	100	7.60	2.45	0.029	0.029	0.000	0.000	04/16/2019	15:25
45	CCV5	0.5	1	100	100		2.09	0.000	0.393	0.393	0.509	04/16/2019	15:25
46	CCB5		1	100	100		1.70	0.000	0.000	0.000	0.000	04/16/2019	15:26