

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB101374

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP72561
Calibratation STD Hexa Chrome 0.5 PPM	WP72560
Calibration Std. hexchrome 0.1 ppm	WP72559
Calibration Std. hexchrome 0.05 ppm	WP72558
calibration std. hexchrome 0.01 ppm	WP72556
calibration std. hexchrome 0 ppm	WP72551
Hexavalent Chromium ICV Std.	WP72562
Hexavalent Chromium CCV Std	WP72563
hexavalent chromium color reagent	WP72565
5N sulfuric acid	WP70044
Calibration std Hexachrome, 0.025ppm	WP72557

Intercept: -0

Slope: 0.7722

Regression: 0.999981

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		2.19	0.000	0.000	0.000	03/14/2019	14:30
2	CAL2	0.01	1	100	100		2.11	0.000	0.007	0.007	03/14/2019	14:30
3	CAL3	0.025	1	100	100		1.95	0.000	0.017	0.017	03/14/2019	14:31
4	CAL4	0.05	1	100	100		1.77	0.000	0.038	0.038	03/14/2019	14:31
5	CAL5	0.1	1	100	100		1.58	0.000	0.080	0.080	03/14/2019	14:32
6	CAL6	0.5	1	100	100		1.66	0.000	0.388	0.388	03/14/2019	14:32
7	CAL7	1	1	100	100		2.33	0.000	0.771	0.771	03/14/2019	14:33



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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		1.66	0.000	0.390	0.390	0.505	03/14/2019	14:33
2	ICB		1	100	100		1.91	0.000	0.000	0.000	0.000	03/14/2019	14:34
3	CCV1	0.5	1	100	100		2.03	0.000	0.391	0.391	0.506	03/14/2019	14:34
4	CCB1		1	100	100		2.22	0.000	0.000	0.000	0.000	03/14/2019	14:35
5	PB117926BL		1	2.50	100	7.36	1.77	0.000	0.000	0.000	0.000	03/14/2019	14:35
6	PB117926BS	20	1	2.52	100	7.90	1.81	0.000	0.377	0.377	0.488	03/14/2019	14:36
7	K1866-01		1	2.53	100	7.14	2.16	0.058	0.064	0.006	0.008	03/14/2019	14:36
8	K1866-03		1	2.50	100	7.27	2.43	0.010	0.016	0.006	0.008	03/14/2019	14:37
9	K1866-05		1	2.54	100	7.35	1.92	0.012	0.014	0.002	0.003	03/14/2019	14:37
10	K1866-07		1	2.53	100	7.44	1.87	0.008	0.016	0.008	0.010	03/14/2019	14:38
11	K1866-09		1	2.55	100	7.10	2.02	0.047	0.047	0.000	0.000	03/14/2019	14:38
12	K1866-11		1	2.51	100	7.88	1.59	0.071	0.071	0.000	0.000	03/14/2019	14:39
13	K1866-13		1	2.50	100	7.69	2.06	0.011	0.082	0.071	0.092	03/14/2019	14:39
14	K1866-15		1	2.55	100	7.10	2.37	0.006	0.014	0.008	0.010	03/14/2019	14:40
15	CCV2	0.5	1	100	100		2.10	0.000	0.391	0.391	0.506	03/14/2019	14:40
16	CCB2		1	100	100		1.76	0.000	0.000	0.000	0.000	03/14/2019	14:41
17	K1891-01		1	2.53	100	7.13	1.81	0.010	0.010	0.000	0.000	03/14/2019	14:41
18	K1891-01DUP		1	2.55	100	7.19	2.13	0.009	0.009	0.000	0.000	03/14/2019	14:42
19	K1891-01MSPre	40	2	2.51	100	7.25	2.31	0.011	0.360	0.349	0.452	03/14/2019	14:42
20	K1891-01MS2Ins	1284	40	2.54	100	7.93	2.10	0.009	0.597	0.588	0.761	03/14/2019	14:43
21	K1891-01MS3Post	40	2	2.50	100	7.11	1.77	0.011	0.368	0.357	0.462	03/14/2019	14:43
22	K1895-01		1	2.51	100	7.20	1.59	0.013	0.013	0.000	0.000	03/14/2019	14:44
23	K1897-01		1	2.52	100	7.44	2.29	0.045	0.045	0.000	0.000	03/14/2019	14:44
24	K1897-06		1	2.53	100	7.11	1.93	0.051	0.051	0.000	0.000	03/14/2019	14:45
25	CCV3	0.5	1	100	100		2.26	0.000	0.392	0.392	0.508	03/14/2019	14:45
26	CCB3		1	100	100		1.66	0.000	0.000	0.000	0.000	03/14/2019	14:46