



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB101454

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP72668
Calibratation STD Hexa Chrome 0.5 PPM	WP72667
Calibration Std. hexchrome 0.1 ppm	WP72666
Calibration Std. hexchrome 0.05 ppm	WP72665
calibration std. hexchrome 0.01 ppm	WP72663
calibration std. hexchrome 0 ppm	WP72662
Hexavalent Chromium ICV Std.	WP72669
Hexavalent Chromium CCV Std	WP72670
hexavalent chromium color reagent	WP72565
5N sulfuric acid	WP70044
Calibration std Hexachrome, 0.025ppm	WP72664
HNO3 Hex-Chrome, 5M	WP70045

Intercept: 0.0001

Slope: 0.7728

Regression: 0.999984

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		1.88	0.000	0.000	0.000	03/19/2019	10:00
2	CAL2	0.01	1	100	100		2.07	0.000	0.007	0.007	03/19/2019	10:00
3	CAL3	0.025	1	100	100		1.71	0.000	0.017	0.017	03/19/2019	10:01
4	CAL4	0.05	1	100	100		2.33	0.000	0.039	0.039	03/19/2019	10:01
5	CAL5	0.1	1	100	100		1.62	0.000	0.080	0.080	03/19/2019	10:02
6	CAL6	0.5	1	100	100		1.92	0.000	0.388	0.388	03/19/2019	10:02
7	CAL7	1	1	100	100		2.25	0.000	0.772	0.772	03/19/2019	10:03



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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		1.60	0.000	0.392	0.392	0.507	03/19/2019	10:03
2	ICB		1	100	100		2.31	0.000	0.000	0.000	0.000	03/19/2019	10:04
3	CCV1	0.5	1	100	100		2.20	0.000	0.393	0.393	0.508	03/19/2019	15:00
4	CCB1		1	100	100		2.14	0.000	0.000	0.000	0.000	03/19/2019	15:00
5	PB118065BL		1	2.50	100	7.11	1.81	0.000	0.000	0.000	0.000	03/19/2019	15:01
6	PB118065BS	20	1	2.53	100	7.69	1.66	0.000	0.379	0.379	0.490	03/19/2019	15:01
7	K1692-03		1	2.55	100	7.22	2.13	0.050	0.050	0.000	0.000	03/19/2019	15:02
8	K1693-09		1	2.51	100	7.10	2.27	0.014	0.014	0.000	0.000	03/19/2019	15:02
9	K1693-11		1	2.52	100	7.46	1.69	0.018	0.018	0.000	0.000	03/19/2019	15:03
10	K1935-01		1	2.53	100	7.82	1.74	0.021	0.021	0.000	0.000	03/19/2019	15:03
11	K1935-02		1	2.50	100	7.36	2.25	0.033	0.033	0.000	0.000	03/19/2019	15:04
12	K1935-03		1	2.51	100	7.61	1.93	0.027	0.027	0.000	0.000	03/19/2019	15:04
13	K1935-04		1	2.55	100	7.20	1.74	0.114	0.114	0.000	0.000	03/19/2019	15:05
14	K1935-06		1	2.50	100	7.16	2.03	0.020	0.020	0.000	0.000	03/19/2019	15:05
15	CCV2	0.5	1	100	100		2.40	0.000	0.393	0.393	0.508	03/19/2019	15:06
16	CCB2		1	100	100		2.22	0.000	0.000	0.000	0.000	03/19/2019	15:06
17	K1935-08		1	2.54	100	7.23	1.78	0.049	0.049	0.000	0.000	03/19/2019	15:07
18	K1935-09		1	2.55	100	7.06	1.56	0.205	0.205	0.000	0.000	03/19/2019	15:07
19	K1935-10		1	2.51	100	7.44	2.16	0.024	0.024	0.000	0.000	03/19/2019	15:08
20	K1935-11		1	2.50	100	7.28	2.28	0.030	0.030	0.000	0.000	03/19/2019	15:08
21	K1958-01		1	2.54	100	7.63	1.84	0.021	0.021	0.000	0.000	03/19/2019	15:09
22	K1958-03		1	2.50	100	7.44	1.91	0.016	0.016	0.000	0.000	03/19/2019	15:09
23	K1958-03DUP		1	2.52	100	7.20	2.13	0.015	0.015	0.000	0.000	03/19/2019	15:10
24	K1958-03MSPre	40	2	2.53	100	7.69	2.40	0.016	0.360	0.344	0.445	03/19/2019	15:10
25	K1958-03MS2Ins	1284	40	2.50	100	7.44	2.11	0.013	0.618	0.605	0.783	03/19/2019	15:11
26	K1958-03MS3Post	40	2	2.51	100	7.61	1.63	0.018	0.371	0.353	0.457	03/19/2019	15:11
27	CCV3	0.5	1	100	100		1.79	0.000	0.394	0.394	0.510	03/19/2019	15:12
28	CCB3		1	100	100		1.94	0.000	0.000	0.000	0.000	03/19/2019	15:12
29	K1958-05		1	2.52	100	7.80	2.33	0.007	0.007	0.000	0.000	03/19/2019	15:13
30	CCV4	0.5	1	100	100		1.88	0.000	0.394	0.394	0.510	03/19/2019	15:13
31	CCB4		1	100	100		1.62	0.000	0.000	0.000	0.000	03/19/2019	15:14