

A analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB101431

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP72640
Calibratation STD Hexa Chrome 0.5 PPM	WP72639
Calibration Std. hexchrome 0.1 ppm	WP72638
Calibration Std. hexchrome 0.05 ppm	WP72637
calibration std. hexchrome 0.01 ppm	WP72635
calibration std. hexchrome 0 ppm	WP72634
Hexavalent Chromium ICV Std.	WP72641
Hexavalent Chromium CCV Std	WP72642
hexavalent chromium color reagent	WP72565
5N sulfuric acid	WP70044
Calibration std Hexachrome, 0.025ppm	WP72636
HNO3 Hex-Chrome, 5M	WP70045

Intercept: 0.0007

Slope: 0.7708

Regression: 0.999983

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		2.03	0.000	0.000	0.000	03/18/2019	13:00
2	CAL2	0.01	1	100	100		1.97	0.000	0.008	0.008	03/18/2019	13:00
3	CAL3	0.025	1	100	100		1.60	0.000	0.018	0.018	03/18/2019	13:01
4	CAL4	0.05	1	100	100		2.27	0.000	0.040	0.040	03/18/2019	13:01
5	CAL5	0.1	1	100	100		2.15	0.000	0.079	0.079	03/18/2019	13:02
6	CAL6	0.5	1	100	100		1.80	0.000	0.389	0.389	03/18/2019	13:02
7	CAL7	1	1	100	100		2.16	0.000	0.770	0.770	03/18/2019	13:02



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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		1.72	0.000	0.391	0.391	0.506	03/18/2019	13:03
2	ICB		1	100	100		2.40	0.000	0.000	0.000	-0.001	03/18/2019	13:03
3	CCV1	0.5	1	100	100		2.29	0.000	0.391	0.391	0.506	03/18/2019	13:04
4	CCB1		1	100	100		2.09	0.000	0.000	0.000	-0.001	03/18/2019	13:04
5	PB118009BL		1	2.52	100	7.22	1.91	0.000	0.000	0.000	-0.001	03/18/2019	13:05
6	PB118009BS	20	1	2.50	100	7.90	1.88	0.000	0.384	0.384	0.497	03/18/2019	13:05
7	K1901-01		1	2.50	100	7.12	1.61	0.069	0.069	0.000	-0.001	03/18/2019	13:06
8	K1901-02		1	2.55	100	7.56	2.18	0.150	0.150	0.000	-0.001	03/18/2019	13:06
9	K1901-03		1	2.53	100	7.44	2.21	0.049	0.049	0.000	-0.001	03/18/2019	13:07
10	K1901-04		1	2.51	100	7.31	2.30	0.043	0.043	0.000	-0.001	03/18/2019	13:07
11	K1901-05		1	2.54	100	7.52	1.75	0.030	0.030	0.000	-0.001	03/18/2019	13:08
12	K1901-06		1	2.50	100	7.89	1.66	0.035	0.035	0.000	-0.001	03/18/2019	13:08
13	K1901-07		1	2.52	100	7.65	2.18	0.041	0.041	0.000	-0.001	03/18/2019	13:09
14	K1901-08		1	2.55	100	7.30	2.24	0.038	0.038	0.000	-0.001	03/18/2019	13:09
15	CCV2	0.5	1	100	100		2.43	0.000	0.391	0.391	0.506	03/18/2019	13:10
16	CCB2		1	100	100		1.87	0.000	0.000	0.000	-0.001	03/18/2019	13:10
17	K1901-09		1	2.51	100	7.14	1.56	0.027	0.027	0.000	-0.001	03/18/2019	13:11
18	K1901-10		1	2.52	100	7.22	1.64	0.025	0.025	0.000	-0.001	03/18/2019	13:11
19	K1922-01		1	2.53	100	7.03	2.33	0.013	0.013	0.000	-0.001	03/18/2019	13:12
20	K1922-01DUP		1	2.50	100	7.18	2.45	0.015	0.015	0.000	-0.001	03/18/2019	13:12
21	K1922-01MSPre	40	2	2.54	100	7.94	1.92	0.015	0.360	0.345	0.447	03/18/2019	13:13
22	K1922-01MS2Ins	1284	40	2.50	100	7.12	1.60	0.012	0.598	0.586	0.759	03/18/2019	13:13
23	K1922-01MS3Post	40	2	2.51	100	7.60	1.59	0.017	0.368	0.351	0.454	03/18/2019	13:14
24	K1927-01		1	2.53	100	7.31	2.11	0.007	0.007	0.000	-0.001	03/18/2019	13:14
25	CCV3	0.5	1	100	100		2.31	0.000	0.392	0.392	0.508	03/18/2019	13:15
26	CCB3		1	100	100		2.42	0.000	0.000	0.000	-0.001	03/18/2019	13:15