

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB98792

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP69004
Calibration Std. hexchrome 0.05 ppm	WP69003
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP69006
Calibratation STD Hexa Chrome 0.5 PPM	WP69005
calibration std. hexchrome 0.01 ppm	WP69010
calibration std. hexchrome 0 ppm	WP69000
Hexavalent Chromium ICV Std.	WP69007
Hexavalent Chromium CCV Std	WP69008
hexavalent chromium color reagent	WP68966
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP69002

Intercept: -0.0003

Slope: 0.7727

Regression: 0.999982

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		1.87	0.000	0.000	0.000	10/23/2018	13:00
2	CAL2	0.01	1	100	100		2.04	0.000	0.008	0.008	10/23/2018	13:00
3	CAL3	0.025	1	100	100		1.56	0.000	0.017	0.017	10/23/2018	13:01
4	CAL4	0.05	1	100	100		2.17	0.000	0.037	0.037	10/23/2018	13:01
5	CAL5	0.1	1	100	100		1.69	0.000	0.078	0.078	10/23/2018	13:02
6	CAL6	0.5	1	100	100		2.18	0.000	0.389	0.389	10/23/2018	13:02
7	CAL7	1	1	100	100		2.07	0.000	0.771	0.771	10/23/2018	13:03



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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		1.659	0.000	0.391	0.391	0.506	10/23/2018	13:03
2	ICB		1	100	100		1.78	0.000	0.000	0.000	0.000	10/23/2018	13:04
3	CCV1	0.5	1	100	100		2.21	0.000	0.391	0.391	0.506	10/23/2018	13:04
4	CCB1		1	100	100		2.29	0.000	0.000	0.000	0.000	10/23/2018	13:05
5	PB114114BL		1	2.50	100	7.10	2.16	0.000	0.000	0.000	0.000	10/23/2018	13:05
6	PB114114BS	20	1	2.53	100	7.52	1.90	0.000	0.374	0.374	0.484	10/23/2018	13:06
7	J5610-01		1	2.55	100	7.36	1.72	0.009	0.009	0.000	0.000	10/23/2018	13:06
8	J5610-01DUP		1	2.51	100	7.40	2.15	0.008	0.008	0.000	0.000	10/23/2018	13:07
9	J5610-01MSPre	40	2	2.54	100	7.78	2.26	0.010	0.354	0.344	0.446	10/23/2018	13:07
10	J5610-01MS2Ins	1284	40	2.54	100	7.56	1.80	0.007	0.616	0.609	0.789	10/23/2018	13:08
11	J5610-01MS3Post	40	2	2.54	100	7.71	2.34	0.012	0.358	0.346	0.448	10/23/2018	13:08
12	J5610-03		1	2.50	100	7.60	1.76	0.011	0.011	0.000	0.000	10/23/2018	13:09
13	J5610-05		1	2.51	100	7.33	1.95	0.006	0.006	0.000	0.000	10/23/2018	13:09
14	J5610-07		1	2.53	100	7.17	2.14	0.012	0.012	0.000	0.000	10/23/2018	13:10
15	CCV2	0.5	1	100	100		2.29	0.000	0.391	0.391	0.506	10/23/2018	13:10
16	CCB2		1	100	100		1.83	0.000	0.000	0.000	0.000	10/23/2018	13:11
17	J5610-09		1	2.52	100	7.15	2.20	0.007	0.007	0.000	0.000	10/23/2018	13:11
18	J5610-11		1	2.54	100	7.64	2.35	0.005	0.005	0.000	0.000	10/23/2018	13:12
19	J5621-03		1	2.52	100	7.33	1.53	0.008	0.008	0.000	0.000	10/23/2018	13:12
20	J5621-04		1	2.51	100	7.18	1.79	0.007	0.007	0.000	0.000	10/23/2018	13:13
21	J5621-05		1	2.55	100	7.90	2.03	0.009	0.009	0.000	0.000	10/23/2018	13:13
22	J5621-06		1	2.54	100	7.88	2.24	0.040	0.040	0.000	0.000	10/23/2018	13:14
23	J5621-07		1	2.55	100	7.14	1.68	0.044	0.044	0.000	0.000	10/23/2018	13:14
24	J5622-01		1	2.51	100	7.07	1.84	0.027	0.027	0.000	0.000	10/23/2018	13:15
25	J5622-03		1	2.50	100	7.25	2.06	0.030	0.030	0.000	0.000	10/23/2018	13:15
26	CCV3	0.5	1	100	100		2.42	0.000	0.392	0.392	0.508	10/23/2018	13:16
27	CCB3		1	100	100		1.67	0.000	0.000	0.000	0.000	10/23/2018	13:16