

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB94606

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP63701
Calibration Std. hexchrome 0.05 ppm	WP63700
5N sulfuric acid	WP61786
Calibratation STD HexaChrome 1 PPM	WP63703
Calibratation STD Hexa Chrome 0.5 PPM	WP63702
calibration std. hexchrome 0.01 ppm	WP63698
calibration std. hexchrome 0 ppm	WP63697
Hexavalent Chromium ICV Std.	WP63705
Hexavalent Chromium CCV Std	WP63704
hexavalent chromium color reagent	WP63707
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP63699

Intercept: 0.0001

Slope: 0.77

Regression: 0.999989

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		2.10	0.000	0.000	0.000	04/13/2018	13:00
2	CAL2	0.01	1	100	100		1.66	0.000	0.007	0.007	04/13/2018	13:00
3	CAL3	0.025	1	100	100		2.06	0.000	0.018	0.018	04/13/2018	13:01
4	CAL4	0.05	1	100	100		2.41	0.000	0.038	0.038	04/13/2018	13:01
5	CAL5	0.1	1	100	100		1.78	0.000	0.079	0.079	04/13/2018	13:02
6	CAL6	0.5	1	100	100		1.60	0.000	0.387	0.387	04/13/2018	13:02
7	CAL7	1	1	100	100		2.23	0.000	0.769	0.769	04/13/2018	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		1.80	0.000	0.386	0.386	0.501	04/13/2018	13:03
2	ICB		1	100	100		2.12	0.000	0.000	0.000	0.000	04/13/2018	13:04
3	CCV1	0.5	1	100	100		2.35	0.000	0.386	0.386	0.501	04/13/2018	13:04
4	CCB1		1	100	100		1.95	0.000	0.000	0.000	0.000	04/13/2018	13:05
5	PB108236BL		1	2.55	100	7.23	2.37	0.000	0.000	0.000	0.000	04/13/2018	13:05
6	PB108236BS	20	1	2.54	100	7.41	1.63	0.000	0.375	0.375	0.487	04/13/2018	13:06
7	J2152-01		1	2.55	100	7.20	1.55	0.025	0.025	0.000	0.000	04/13/2018	13:06
8	J2166-03		1	2.52	100	7.69	2.09	0.018	0.018	0.000	0.000	04/13/2018	13:07
9	J2348-01		1	2.53	100	7.10	1.60	0.013	0.013	0.000	0.000	04/13/2018	13:07
10	J2348-03		1	2.55	100	7.55	2.04	0.014	0.014	0.000	0.000	04/13/2018	13:08
11	J2348-05		1	2.50	100	7.10	2.23	0.021	0.021	0.000	0.000	04/13/2018	13:08
12	J2348-07		1	2.52	100	7.03	1.79	0.010	0.010	0.000	0.000	04/13/2018	13:09
13	J2348-09		1	2.51	100	7.69	1.92	0.012	0.013	0.001	0.001	04/13/2018	13:09
14	J2357-01		1	2.53	100	7.90	2.10	0.017	0.017	0.000	0.000	04/13/2018	13:10
15	CCV2	0.5	1	100	100		2.36	0.000	0.387	0.387	0.502	04/13/2018	13:10
16	CCB2		1	100	100		1.86	0.000	0.000	0.000	0.000	04/13/2018	13:11
17	J2362-01		1	2.51	100	7.77	1.63	0.006	0.006	0.000	0.000	04/13/2018	13:11
18	J2362-01DUP		1	2.50	100	7.41	2.40	0.007	0.007	0.000	0.000	04/13/2018	13:12
19	J2362-01MSPre	40	2	2.52	100	7.33	2.48	0.008	0.366	0.358	0.465	04/13/2018	13:12
20	J2362-01MS2Ins	1284	40	2.51	100	7.63	1.57	0.004	0.625	0.621	0.806	04/13/2018	13:13
21	J2362-01MS3Post	40	2	2.50	100	7.20	2.08	0.009	0.369	0.360	0.467	04/13/2018	13:13
22	J2364-01		1	2.52	100	7.14	1.77	0.020	0.020	0.000	0.000	04/13/2018	13:14
23	J2364-05		1	2.51	100	7.88	2.36	0.016	0.028	0.012	0.015	04/13/2018	13:14
24	J2364-09		1	2.50	100	7.39	2.21	0.010	0.010	0.000	0.000	04/13/2018	13:15
25	CCV3	0.5	1	100	100		1.54	0.000	0.387	0.387	0.502	04/13/2018	13:15
26	CCB3		1	100	100		1.90	0.000	0.000	0.000	0.000	04/13/2018	13:16