

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB98275

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP68239
Calibration Std. hexchrome 0.05 ppm	WP68238
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP68241
Calibratation STD Hexa Chrome 0.5 PPM	WP68240
calibration std. hexchrome 0.01 ppm	WP68236
calibration std. hexchrome 0 ppm	WP68235
Hexavalent Chromium ICV Std.	WP68242
Hexavalent Chromium CCV Std	WP68243
hexavalent chromium color reagent	WP68245
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP68237

Intercept: 0.0002

Slope: 0.7714

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		2.10	0.000	0.000	0.000	10/01/2018	14:00
2	CAL2	0.01	1	100	100		2.03	0.000	0.008	0.008	10/01/2018	14:00
3	CAL3	0.025	1	100	100		1.64	0.000	0.017	0.017	10/01/2018	14:01
4	CAL4	0.05	1	100	100		1.98	0.000	0.039	0.039	10/01/2018	14:01
5	CAL5	0.1	1	100	100		2.45	0.000	0.078	0.078	10/01/2018	14:02
6	CAL6	0.5	1	100	100		2.31	0.000	0.389	0.389	10/01/2018	14:02
7	CAL7	1	1	100	100		1.78	0.000	0.770	0.770	10/01/2018	14:03



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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		1.83	0.000	0.390	0.390	0.505	10/01/2018	14:03
2	ICB		1	100	100		1.75	0.000	0.000	0.000	0.000	10/01/2018	14:04
3	CCV1	0.5	1	100	100		2.03	0.000	0.390	0.390	0.505	10/01/2018	14:04
4	CCB1		1	100	100		2.16	0.000	0.000	0.000	0.000	10/01/2018	14:05
5	PB113397BL		1	2.52	100	7.22	2.44	0.000	0.000	0.000	0.000	10/01/2018	14:05
6	PB113397BS	20	1	2.54	100	7.13	1.67	0.000	0.370	0.370	0.479	10/01/2018	14:06
7	J4771-05		1	2.51	100	7.45	1.90	0.016	0.016	0.000	0.000	10/01/2018	14:06
8	J4776-05		1	2.55	100	7.63	1.88	0.046	0.046	0.000	0.000	10/01/2018	14:07
9	J4776-07		1	2.54	100	7.88	2.07	0.024	0.024	0.000	0.000	10/01/2018	14:07
10	J4776-09		1	2.50	100	7.60	2.30	0.019	0.019	0.000	0.000	10/01/2018	14:08
11	J4777-33		1	2.51	100	7.71	2.21	0.030	0.030	0.000	0.000	10/01/2018	14:08
12	J4777-35		1	2.54	100	7.90	1.58	0.027	0.027	0.000	0.000	10/01/2018	14:09
13	J4777-37		1	2.50	100	7.88	1.62	0.032	0.032	0.000	0.000	10/01/2018	14:09
14	J4777-39		1	2.53	100	7.63	2.04	0.037	0.037	0.000	0.000	10/01/2018	14:10
15	CCV2	0.5	1	100	100		2.13	0.000	0.391	0.391	0.507	10/01/2018	14:10
16	CCB2		1	100	100		2.36	0.000	0.000	0.000	0.000	10/01/2018	14:11
17	J4780-03		1	2.51	100	7.36	1.60	0.040	0.040	0.000	0.000	10/01/2018	14:11
18	J5145-01		1	2.52	100	7.28	1.73	0.016	0.016	0.000	0.000	10/01/2018	14:12
19	J5145-01DUP		1	2.50	100	7.15	1.52	0.015	0.015	0.000	0.000	10/01/2018	14:12
20	J5145-01MSPre	40	2	2.55	100	7.07	1.69	0.017	0.359	0.342	0.443	10/01/2018	14:13
21	J5145-01MS2Ins	1284	40	2.55	100	7.10	2.21	0.012	0.598	0.586	0.759	10/01/2018	14:13
22	J5145-01MS3Post	40	2	2.55	100	7.33	2.46	0.018	0.362	0.344	0.446	10/01/2018	14:14
23	J5154-02		1	2.52	100	7.54	1.90	0.011	0.011	0.000	0.000	10/01/2018	14:14
24	J5171-01		1	2.50	100	7.60	2.36	0.010	0.010	0.000	0.000	10/01/2018	14:15
25	CCV3	0.5	1	100	100		1.78	0.000	0.391	0.391	0.507	10/01/2018	14:15
26	CCB3		1	100	100		1.76	0.000	0.000	0.000	0.000	10/01/2018	14:16