

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB96266

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP65582
Calibration Std. hexchrome 0.05 ppm	WP65581
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP65583
Calibratation STD Hexa Chrome 0.5 PPM	WP65580
calibration std. hexchrome 0.01 ppm	WP65578
calibration std. hexchrome 0 ppm	WP65577
Hexavalent Chromium ICV Std.	WP65584
Hexavalent Chromium CCV Std	WP65585
hexavalent chromium color reagent	WP65517
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP65579

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		2.05	0.000	0.000	0.000	06/26/2018	12:00
2	CAL2	0.01	1	100	100		1.91	0.000	0.007	0.007	06/26/2018	12:00
3	CAL3	0.025	1	100	100		2.27	0.000	0.018	0.018	06/26/2018	12:01
4	CAL4	0.05	1	100	100		2.10	0.000	0.038	0.038	06/26/2018	12:01
5	CAL5	0.1	1	100	100		1.66	0.000	0.079	0.079	06/26/2018	12:02
6	CAL6	0.5	1	100	100		1.98	0.000	0.387	0.387	06/26/2018	12:02
7	CAL7	1	1	100	100		1.55	0.000	0.769	0.769	06/26/2018	12:03



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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		1.99	0.000	0.389	0.389	0.505	06/26/2018	12:03
2	ICB		1	100	100		2.37	0.000	0.000	0.000	0.000	06/26/2018	12:04
3	CCV1	0.5	1	100	100		1.59	0.000	0.389	0.389	0.505	06/26/2018	12:04
4	CCB1		1	100	100		2.09	0.000	0.000	0.000	0.000	06/26/2018	12:05
5	PB110611BL		1	2.52	100	7.20	1.70	0.000	0.000	0.000	0.000	06/26/2018	12:05
6	PB110611BS	20	1	2.54	100	7.63	2.16	0.000	0.356	0.356	0.462	06/26/2018	12:06
7	J3251-05		1	2.53	100	7.88	2.33	0.019	0.021	0.002	0.002	06/26/2018	12:06
8	J3680-01		1	2.54	100	7.03	1.98	0.041	0.048	0.007	0.009	06/26/2018	12:07
9	J3682-01		1	2.51	100	7.17	2.04	0.024	0.028	0.004	0.005	06/26/2018	12:07
10	J3702-01		1	2.52	100	7.50	1.63	0.008	0.008	0.000	0.000	06/26/2018	12:08
11	J3706-01		1	2.50	100	7.88	2.07	0.024	0.024	0.000	0.000	06/26/2018	12:08
12	J3712-01		1	2.51	100	7.49	1.78	0.030	0.030	0.000	0.000	06/26/2018	12:09
13	J3712-01DUP		1	2.50	100	7.66	1.92	0.029	0.029	0.000	0.000	06/26/2018	12:09
14	J3712-01MSPre	40	2	2.55	100	7.91	2.37	0.032	0.219	0.187	0.243	06/26/2018	12:10
15	CCV2	0.5	1	100	100		2.30	0.000	0.390	0.390	0.506	06/26/2018	12:10
16	CCB2		1	100	100		1.64	0.000	0.000	0.000	0.000	06/26/2018	12:11
17	J3712-01MS2Ins	1284	40	2.52	100	7.85	2.28	0.027	0.593	0.566	0.735	06/26/2018	12:11
18	J3712-01MS3Post	40	2	2.55	100	7.33	1.73	0.036	0.336	0.300	0.389	06/26/2018	12:12
19	CCV3	0.5	1	100	100		2.19	0.000	0.390	0.390	0.506	06/26/2018	12:12
20	CCB3		1	100	100		2.45	0.000	0.000	0.000	0.000	06/26/2018	12:13