

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB96979

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP66543
Calibration Std. hexchrome 0.05 ppm	WP66542
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP66545
Calibratation STD Hexa Chrome 0.5 PPM	WP66544
calibration std. hexchrome 0.01 ppm	WP66540
calibration std. hexchrome 0 ppm	WP66539
Hexavalent Chromium ICV Std.	WP66546
Hexavalent Chromium CCV Std	WP66547
hexavalent chromium color reagent	WP66393
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP66541

Intercept: 0.0002

Slope: 0.769

Regression: 0.999987

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	07/30/2018	14:00
2	CAL2	0.01	1	100	100		1.78	0.000	0.008	0.008	07/30/2018	14:00
3	CAL3	0.025	1	100	100		1.81	0.000	0.017	0.017	07/30/2018	14:01
4	CAL4	0.05	1	100	100		2.22	0.000	0.039	0.039	07/30/2018	14:01
5	CAL5	0.1	1	100	100		2.47	0.000	0.078	0.078	07/30/2018	14:02
6	CAL6	0.5	1	100	100		1.95	0.000	0.387	0.387	07/30/2018	14:02
7	CAL7	1	1	100	100		2.16	0.000	0.768	0.768	07/30/2018	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		1.77	0.000	0.388	0.388	0.504	07/30/2018	14:03
2	ICB		1	100	100		1.54	0.000	0.000	0.000	0.000	07/30/2018	14:04
3	CCV1	0.5	1	100	100		2.05	0.000	0.388	0.388	0.504	07/30/2018	14:04
4	CCB1		1	100	100		2.30	0.000	0.000	0.000	0.000	07/30/2018	14:05
5	PB111611BL		1	2.53	100	7.33	2.44	0.000	0.000	0.000	0.000	07/30/2018	14:05
6	PB111611BS	20	1	2.55	100	7.25	1.67	0.000	0.380	0.380	0.494	07/30/2018	14:06
7	J3831-03		1	2.51	100	7.88	1.83	0.035	0.035	0.000	0.000	07/30/2018	14:06
8	J4210-01		1	2.50	100	7.13	2.11	0.060	0.060	0.000	0.000	07/30/2018	14:07
9	J4217-01		1	2.50	100	7.40	2.38	0.008	0.008	0.000	0.000	07/30/2018	14:07
10	J4217-01DUP		1	2.54	100	7.21	1.92	0.009	0.009	0.000	0.000	07/30/2018	14:08
11	J4217-01MSPre	40	2	2.51	100	7.90	2.27	0.010	0.370	0.360	0.468	07/30/2018	14:08
12	J4217-01MS2Ins	1284	40	2.51	100	7.84	2.12	0.007	0.588	0.581	0.755	07/30/2018	14:09
13	J4217-01MS3Post	40	2	2.50	100	7.14	1.87	0.011	0.373	0.362	0.470	07/30/2018	14:09
14	J4217-05		1	2.54	100	7.10	2.20	0.027	0.027	0.000	0.000	07/30/2018	14:10
15	CCV2	0.5	1	100	100		2.39	0.000	0.388	0.388	0.504	07/30/2018	14:10
16	CCB2		1	100	100		2.45	0.000	0.000	0.000	0.000	07/30/2018	14:11
17	J4218-03		1	2.55	100	7.35	1.96	0.013	0.013	0.000	0.000	07/30/2018	14:11
18	J4218-07		1	2.52	100	7.62	1.88	0.010	0.010	0.000	0.000	07/30/2018	14:12
19	CCV3	0.5	1	100	100		1.66	0.000	0.388	0.388	0.504	07/30/2018	14:12
20	CCB3		1	100	100		2.01	0.000	0.000	0.000	0.000	07/30/2018	14:13