

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB98418

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP68442
Calibration Std. hexchrome 0.05 ppm	WP68441
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP68444
Calibratation STD Hexa Chrome 0.5 PPM	WP68443
calibration std. hexchrome 0.01 ppm	WP68439
calibration std. hexchrome 0 ppm	WP68438
Hexavalent Chromium ICV Std.	WP68445
Hexavalent Chromium CCV Std	WP68446
hexavalent chromium color reagent	WP68245
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP68440

Intercept: 0.0006

Slope: 0.7702

Regression: 0.999975

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		2.08	0.000	0.000	0.000	10/05/2018	13:00
2	CAL2	0.01	1	100	100		1.74	0.000	0.007	0.007	10/05/2018	13:00
3	CAL3	0.025	1	100	100		1.62	0.000	0.018	0.018	10/05/2018	13:01
4	CAL4	0.05	1	100	100		2.31	0.000	0.039	0.039	10/05/2018	13:01
5	CAL5	0.1	1	100	100		2.40	0.000	0.080	0.080	10/05/2018	13:02
6	CAL6	0.5	1	100	100		1.66	0.000	0.389	0.389	10/05/2018	13:02
7	CAL7	1	1	100	100		2.23	0.000	0.769	0.769	10/05/2018	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		1.77	0.000	0.390	0.390	0.506	10/05/2018	13:03
2	ICB		1	100	100		2.35	0.000	0.000	0.000	-0.001	10/05/2018	13:03
3	CCV1	0.5	1	100	100		2.21	0.000	0.390	0.390	0.506	10/05/2018	13:04
4	CCB1		1	100	100		1.60	0.000	0.000	0.000	-0.001	10/05/2018	13:04
5	PB113576BL		1	2.54	100	7.39	1.79	0.000	0.000	0.000	-0.001	10/05/2018	13:04
6	PB113576BS	20	1	2.51	100	1.87	1.55	0.000	0.370	0.370	0.480	10/05/2018	13:05
7	J5179-01		1	2.54	100	7.87	2.30	0.003	0.003	0.000	-0.001	10/05/2018	13:05
8	J5179-05		1	2.53	100	7.60	2.27	0.005	0.005	0.000	-0.001	10/05/2018	13:05
9	J5195-01		1	2.50	100	7.25	1.73	0.010	0.010	0.000	-0.001	10/05/2018	13:06
10	J5205-01		1	2.55	100	7.33	1.92	0.007	0.007	0.000	-0.001	10/05/2018	13:06
11	J5205-01DUP		1	2.50	100	7.84	1.58	0.008	0.008	0.000	-0.001	10/05/2018	13:07
12	J5205-01MSPre	40	2	2.53	100	7.66	2.04	0.009	0.365	0.356	0.461	10/05/2018	13:07
13	J5205-01MS2Ins	1284	40	2.53	100	7.21	2.20	0.006	0.574	0.568	0.737	10/05/2018	13:07
14	J5205-01MS3Post	40	2	2.53	100	7.55	2.31	0.010	0.368	0.358	0.464	10/05/2018	13:08
15	CCV2	0.5	1	100	100		2.40	0.000	0.390	0.390	0.506	10/05/2018	13:08
16	CCB2		1	100	100		1.95	0.000	0.000	0.000	-0.001	10/05/2018	13:09
17	J5255-02		1	2.51	100	7.90	2.12	0.009	0.009	0.000	-0.001	10/05/2018	13:09
18	J5255-05		1	2.53	100	7.92	2.06	0.008	0.008	0.000	-0.001	10/05/2018	13:10
19	CCV3	0.5	1	100	100		1.64	0.000	0.390	0.390	0.506	10/05/2018	13:10
20	CCB3		1	100	100		2.31	0.000	0.000	0.000	-0.001	10/05/2018	13:11