

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB101406

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP72601
Calibratation STD Hexa Chrome 0.5 PPM	WP72600
Calibration Std. hexchrome 0.1 ppm	WP72599
Calibration Std. hexchrome 0.05 ppm	WP72598
calibration std. hexchrome 0.01 ppm	WP72608
calibration std. hexchrome 0 ppm	WP72595
Hexavalent Chromium ICV Std.	WP72602
Hexavalent Chromium CCV Std	WP72603
Hexavalent Chromium LCS Std	WP72604
hexavalent chromium color reagent	WP72565
5N sulfuric acid	WP70044
Calibration std Hexachrome, 0.025ppm	WP72597

Intercept: 0.0005

Slope: 0.7711

Regression: 0.999981

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		2.16	0.000	0.000	0.000	03/15/2019	09:30
2	CAL2	0.01	1	100	100		1.99	0.000	0.007	0.007	03/15/2019	09:30
3	CAL3	0.025	1	100	100		2.31	0.000	0.018	0.018	03/15/2019	09:31
4	CAL4	0.05	1	100	100		2.22	0.000	0.040	0.040	03/15/2019	09:31
5	CAL5	0.1	1	100	100		1.88	0.000	0.079	0.079	03/15/2019	09:32
6	CAL6	0.5	1	100	100		2.25	0.000	0.389	0.389	03/15/2019	09:32
7	CAL7	1	1	100	100		1.78	0.000	0.770	0.770	03/15/2019	09:33



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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		2.13	0.000	0.390	0.390	0.505	03/15/2019	09:33
2	ICB		1	100	100		2.25	0.000	0.000	0.000	-0.001	03/15/2019	09:34
3	CCV1	0.5	1	100	100		1.76	0.000	0.391	0.391	0.506	03/15/2019	09:34
4	CCB1		1	100	100		1.52	0.000	0.000	0.000	-0.001	03/15/2019	09:35
5	LB101406BL		1	100	100		2.29	0.000	0.000	0.000	-0.001	03/15/2019	09:35
6	LB101406BS	0.5	1	100	100		2.37	0.000	0.387	0.387	0.501	03/15/2019	09:36
7	K1833-01		1	100	100		1.88	0.000	0.390	0.390	0.505	03/15/2019	09:36
8	CCV2	0.5	1	100	100		2.20	0.000	0.391	0.391	0.506	03/15/2019	09:37
9	CCB2		1	100	100		2.44	0.000	0.000	0.000	-0.001	03/15/2019	09:37