

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB100582

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP71316
Calibration Std. hexchrome 0.05 ppm	WP71315
5N sulfuric acid	WP70044
Hexavalent Chromium LCS Std	WP71321
Calibratation STD HexaChrome 1 PPM	WP71318
Calibratation STD Hexa Chrome 0.5 PPM	WP71317
calibration std. hexchrome 0.01 ppm	WP71313
calibration std. hexchrome 0 ppm	WP71310
Hexavalent Chromium ICV Std.	WP71319
Hexavalent Chromium CCV Std	WP71320
hexavalent chromium color reagent	WP71322
Calibration std Hexachrome, 0.025ppm	WP71314

Intercept: 0.0006

Slope: 0.7714

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		2.22	0.000	0.000	0.000	01/31/2019	11:50
2	CAL2	0.01	1	100	100		1.85	0.000	0.007	0.007	01/31/2019	11:50
3	CAL3	0.025	1	100	100		1.92	0.000	0.018	0.018	01/31/2019	11:51
4	CAL4	0.05	1	100	100		2.10	0.000	0.040	0.040	01/31/2019	11:51
5	CAL5	0.1	1	100	100		2.27	0.000	0.079	0.079	01/31/2019	11:52
6	CAL6	0.5	1	100	100		2.33	0.000	0.390	0.390	01/31/2019	11:52
7	CAL7	1	1	100	100		2.45	0.000	0.770	0.770	01/31/2019	11:53



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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		2.18	0.000	0.392	0.392	0.507	01/31/2019	11:53
2	ICB		1	100	100		2.33	0.000	0.000	0.000	-0.001	01/31/2019	11:54
3	CCV1	0.5	1	100	100		2.47	0.000	0.392	0.392	0.507	01/31/2019	11:54
4	CCB1		1	100	100		1.82	0.000	0.000	0.000	-0.001	01/31/2019	11:55
5	LB100582BL		1	100	100		1.71	0.000	0.000	0.000	-0.001	01/31/2019	11:55
6	LB100582BS	0.5	1	100	100		1.58	0.000	0.377	0.377	0.488	01/31/2019	11:56
7	K1297-07		1	100	100		2.05	0.003	0.003	0.000	-0.001	01/31/2019	11:56
8	K1297-07DUP		1	100	100		2.41	0.004	0.004	0.000	-0.001	01/31/2019	11:57
9	K1297-07MS	1	2	100	100		2.31	0.003	0.372	0.369	0.478	01/31/2019	11:57
10	K1297-07MSD	1	2	100	100		2.27	0.003	0.373	0.370	0.479	01/31/2019	11:58
11	K1299-11		1	100	100		1.70	0.001	0.001	0.000	-0.001	01/31/2019	11:58
12	CCV2	0.5	1	100	100		1.99	0.000	0.392	0.392	0.507	01/31/2019	11:59
13	CCB2		1	100	100		2.06	0.000	0.000	0.000	-0.001	01/31/2019	11:59