

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB96007

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP65314
Calibration Std. hexchrome 0.05 ppm	WP65313
Hexavalent Chromium LCS Std	WP65319
Calibratation STD HexaChrome 1 PPM	WP65316
Calibratation STD Hexa Chrome 0.5 PPM	WP65315
calibration std. hexchrome 0.01 ppm	WP65311
calibration std. hexchrome 0 ppm	WP65310
Hexavalent Chromium ICV Std.	WP65318
Hexavalent Chromium CCV Std	WP65317
hexavalent chromium color reagent	WP65230
0.2N SULFURIC ACID	WP62858
Calibration std Hexachrome, 0.025ppm	WP65312

Intercept: 0.0003

Slope: 0.7554

Regression: 0.999983

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		2.14	0.000	0.000	0.000	06/14/2018	10:37
2	CAL2	0.01	1	100	100		1.66	0.000	0.007	0.007	06/14/2018	10:37
3	CAL3	0.025	1	100	100		2.40	0.000	0.017	0.017	06/14/2018	10:38
4	CAL4	0.05	1	100	100		1.88	0.000	0.038	0.038	06/14/2018	10:38
5	CAL5	0.1	1	100	100		2.10	0.000	0.079	0.079	06/14/2018	10:39
6	CAL6	0.5	1	100	100		2.21	0.000	0.379	0.379	06/14/2018	10:39
7	CAL7	1	1	100	100		1.69	0.000	0.755	0.755	06/14/2018	10:40



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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		1.60	0.000	0.380	0.380	0.503	06/14/2018	10:40
2	ICB		1	100	100		2.17	0.000	0.000	0.000	0.000	06/14/2018	10:41
3	CCV1	0.5	1	100	100		2.35	0.000	0.380	0.380	0.503	06/14/2018	10:41
4	CCB1		1	100	100		1.64	0.000	0.000	0.000	0.000	06/14/2018	10:42
5	LB96007BL		1	100	100		1.97	0.000	0.000	0.000	0.000	06/14/2018	10:42
6	LB96007BS	0.5	1	100	100		2.45	0.000	0.376	0.376	0.497	06/14/2018	10:43
7	J3503-01		1	100	100		2.22	0.000	0.000	0.000	0.000	06/14/2018	10:43
8	J3503-02		1	100	100		1.66	0.004	0.004	0.000	0.000	06/14/2018	10:44
9	J3503-03		1	100	100		1.90	0.000	0.000	0.000	0.000	06/14/2018	10:44
10	J3509-01		1	100	100		2.17	0.001	0.001	0.000	0.000	06/14/2018	10:45
11	J3509-02	1	2	100	100		2.29	0.000	0.379	0.379	0.501	06/14/2018	10:45
12	J3509-03	1	2	100	100		1.83	0.000	0.380	0.380	0.503	06/14/2018	10:46
13	J3509-04		1	100	100		2.44	0.000	0.000	0.000	0.000	06/14/2018	10:46
14	J3509-05		1	100	100		2.47	0.000	0.000	0.000	0.000	06/14/2018	10:47
15	CCV2	0.5	1	100	100		2.31	0.000	0.381	0.381	0.504	06/14/2018	10:47
16	CCB2		1	100	100		1.82	0.000	0.000	0.000	0.000	06/14/2018	10:48
17	J3509-05DUP		1	100	100		1.70	0.000	0.000	0.000	0.000	06/14/2018	10:48
18	CCV3	0.5	1	100	100		2.23	0.000	0.381	0.381	0.504	06/14/2018	10:49
19	CCB3		1	100	100		1.60	0.000	0.000	0.000	0.000	06/14/2018	10:49