



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB100494

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP71211
Calibration Std. hexchrome 0.05 ppm	WP71210
Hexavalent Chromium LCS Std	WP71216
Calibratation STD HexaChrome 1 PPM	WP71213
Calibratation STD Hexa Chrome 0.5 PPM	WP71212
calibration std. hexchrome 0.01 ppm	WP71208
calibration std. hexchrome 0 ppm	WP71207
Hexavalent Chromium ICV Std.	WP71214
Hexavalent Chromium CCV Std	WP71215
hexavalent chromium color reagent	WP71145
0.2N SULFURIC ACID	WP68120
Calibration std Hexachrome, 0.025ppm	WP71209

Intercept: -0.0007

Slope: 0.7621

Regression: 0.999846

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		2.03	0.000	0.000	0.000	01/25/2019	17:00
2	CAL2	0.01	1	100	100		1.75	0.000	0.007	0.007	01/25/2019	17:00
3	CAL3	0.025	1	100	100		2.31	0.000	0.017	0.017	01/25/2019	17:01
4	CAL4	0.05	1	100	100		2.46	0.000	0.039	0.039	01/25/2019	17:01
5	CAL5	0.1	1	100	100		1.78	0.000	0.080	0.080	01/25/2019	17:02
6	CAL6	0.5	1	100	100		1.54	0.000	0.370	0.370	01/25/2019	17:02
7	CAL7	1	1	100	100		2.11	0.000	0.766	0.766	01/25/2019	17:03



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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		1.79	0.000	0.373	0.373	0.490	01/25/2019	17:03
2	ICB		1	100	100		1.55	0.000	0.000	0.000	0.001	01/25/2019	17:04
3	CCV1	0.5	1	100	100		2.06	0.000	0.374	0.374	0.492	01/25/2019	17:04
4	CCB1		1	100	100		2.31	0.000	0.000	0.000	0.001	01/25/2019	17:05
5	LB100494BL		1	100	100		2.14	0.000	0.000	0.000	0.001	01/25/2019	17:05
6	LB100494BS	0.5	1	100	100		1.80	0.000	0.368	0.368	0.484	01/25/2019	17:06
7	K1260-01		1	100	100		1.92	0.004	0.004	0.000	0.001	01/25/2019	17:06
8	K1260-02		1	100	100		2.15	0.013	0.013	0.000	0.001	01/25/2019	17:07
9	K1260-03		1	100	100		2.41	0.008	0.008	0.000	0.001	01/25/2019	17:07
10	K1260-03DUP		1	100	100		1.58	0.009	0.009	0.000	0.001	01/25/2019	17:08
11	K1260-03MS	1	2	100	100		1.67	0.010	0.355	0.345	0.454	01/25/2019	17:08
12	K1260-03MSD	1	2	100	100		2.04	0.011	0.359	0.348	0.458	01/25/2019	17:09
13	CCV2	0.5	1	100	100		1.96	0.000	0.374	0.374	0.492	01/25/2019	17:09
14	CCB2		1	100	100		2.07	0.000	0.000	0.000	0.001	01/25/2019	17:10

WORKLIST(Hardcopy Internal Chain)

LB 100494

WorkList Name : WHex012519

WorkList ID : 121634

Date : 1/25/2019 3:19:08 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
01/26/2019	Water	K1260-01	Hexavalent Chromium	Cool 4 deg C	TULL02		EL-EAST-OF-JDHS	01/25/2019	SM3500-Cr B
01/26/2019	Water	K1260-02	Hexavalent Chromium	Cool 4 deg C	TULL02		MHC05	01/25/2019	SM3500-Cr B
01/26/2019	Water	K1260-03	Hexavalent Chromium	Cool 4 deg C	TULL02		MH-J09	01/25/2019	SM3500-Cr B

Date/Time 01/25/19 15:30

Received by: IB

Relinquished by: IB

Date/Time

Received by:

Relinquished by:

01/25/19 17:40

IB

IB