



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB91214

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP59217
Calibration Std. hexchrome 0.05 ppm	WP59216
Hexavalent Chromium LCS Std	WP59222
Calibratation STD HexaChrome 1 PPM	WP59219
calibration std. hexchrome 0.01 ppm	WP59214
calibration std. hexchrome 0 ppm	WP59213
Hexavalent Chromium ICV Std.	WP59220
Hexavalent Chromium CCV Std	WP59221
hexavalent chromium color reagent	WP59212
0.2N SULFURIC ACID	WP58235
Calibration std Hexachrome, 0.025ppm	WP59215

Intercept: 0.0004

Slope: 0.7664

Regression: 0.999978

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		2.10	0.000	0.000	0.000	10/30/2017	11:00
2	CAL2	0.01	1	100	100		1.93	0.000	0.008	0.008	10/30/2017	11:00
3	CAL3	0.025	1	100	100		2.30	0.000	0.017	0.017	10/30/2017	11:01
4	CAL4	0.05	1	100	100		2.13	0.000	0.039	0.039	10/30/2017	11:01
5	CAL5	0.1	1	100	100		1.76	0.000	0.078	0.078	10/30/2017	11:02
6	CAL6	0.5	1	100	100		1.59	0.000	0.387	0.387	10/30/2017	11:02
7	CAL7	1	1	100	100		2.27	0.000	0.765	0.765	10/30/2017	11:03

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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		2.01	0.000	0.388	0.388	0.506	10/30/2017	11:03
2	ICB		1	100	100		1.63	0.000	0.000	0.000	-0.001	10/30/2017	11:04
3	CCV1	0.5	1	100	100		1.74	0.000	0.389	0.389	0.507	10/30/2017	11:04
4	CCB1		1	100	100		2.18	0.000	0.000	0.000	-0.001	10/30/2017	11:05
5	LB91214BL		1	100	100		1.66	0.000	0.000	0.000	-0.001	10/30/2017	11:05
6	LB91214BS	0.5	1	100	100		2.39	0.000	0.392	0.392	0.511	10/30/2017	11:06
7	I6234-04		1	100	100		2.21	0.005	0.005	0.000	-0.001	10/30/2017	11:06
8	I6234-04DUP		1	100	100		2.17	0.004	0.004	0.000	-0.001	10/30/2017	11:07
9	I6234-04MS	1	2	100	100		1.79	0.000	0.386	0.386	0.503	10/30/2017	11:07
10	I6234-04MSD	1	2	100	100		1.84	0.000	0.385	0.385	0.502	10/30/2017	11:08
11	CCV2	0.5	1	100	100		2.10	0.000	0.389	0.389	0.507	10/30/2017	11:08
12	CCB2		1	100	100		1.77	0.000	0.000	0.000	-0.001	10/30/2017	11:09

2891214

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Hex103017-2

WorkList ID : 104949

Date : 10/30/2017 10:26:38 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
10/29/2017	Water	I6234-04 -1	Hexavalent Chromium	Cool 4 deg C	AKRF02	D51	TW-5-DEP	10/28/2017	SM3500-Cr B

Date/Time 10/30/17 10:30
Received by: IB
Relinquished by: JF

Date/Time 10/30/17 11:10
Received by: JF
Relinquished by: IB