

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB87658

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP55146
Calibration Std. hexchrome 0.05 ppm	WP55145
Hexavalent Chromium LCS Std	WP55151
Calibratation STD HexaChrome 1 PPM	WP55148
Calibratation STD Hexa Chrome 0.5 PPM	WP55147
calibration std. hexchrome 0.01 ppm	WP55123
calibration std. hexchrome 0 ppm	WP55122
Hexavalent Chromium ICV Std.	WP55149
Hexavalent Chromium CCV Std	WP55150
hexavalent chromium color reagent	
0.2N SULFURIC ACID	WP53824
Calibration std Hexachrome, 0.025ppm	WP55124

Intercept: 0.0003

Slope: 0.765

Regression: 0.999985

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		1.62	0.000	0.000	0.000	05/23/2017	10:00
2	CAL2	0.01	1	100	100		2.30	0.000	0.007	0.007	05/23/2017	10:00
3	CAL3	0.025	1	100	100		1.83	0.000	0.018	0.018	05/23/2017	10:01
4	CAL4	0.05	1	100	100		2.46	0.000	0.038	0.038	05/23/2017	10:01
5	CAL5	0.1	1	100	100		2.37	0.000	0.079	0.079	05/23/2017	10:02
6	CAL6	0.5	1	100	100		1.55	0.000	0.385	0.385	05/23/2017	10:02
7	CAL7	1	1	100	100		1.81	0.000	0.764	0.764	05/23/2017	10:03



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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		2.13	0.000	0.390	0.390	0.509	05/23/2017	10:03
2	ICB		1	100	100		2.46	0.000	0.000	0.000	0.000	05/23/2017	10:04
3	CCV1	0.5	1	100	100		1.73	0.000	0.391	0.391	0.511	05/23/2017	10:04
4	CCB1		1	100	100		1.54	0.000	0.000	0.000	0.000	05/23/2017	10:05
5	LB87658BL		1	100	100		2.04	0.000	0.000	0.000	0.000	05/23/2017	10:05
6	LB87658BS	0.5	1	100	100		2.26	0.000	0.398	0.398	0.520	05/23/2017	10:06
7	I3303-01		1	100	100		2.39	0.008	0.008	0.000	0.000	05/23/2017	10:06
8	I3303-01DUP		1	100	100		1.77	0.007	0.007	0.000	0.000	05/23/2017	10:07
9	I3303-01MS	1	2	100	100		2.41	0.009	0.386	0.377	0.492	05/23/2017	10:30
10	I3303-01MSD	1	2	100	100		1.73	0.008	0.385	0.377	0.492	05/23/2017	10:08
11	CCV2	0.5	1	100	100		1.80	0.000	0.391	0.391	0.511	05/23/2017	10:09
12	CCB2		1	100	100		2.09	0.000	0.000	0.000	0.000	05/23/2017	10:09

WORKLIST(Hardcopy Internal Chain)

LB87658

WorkList Name : Hex052317

WorkList ID : 98779

Date : 5/23/2017 8:44:20 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
	Water	I3303-01	Hexavalent Chromium	Cool 4 deg C	TULL02	I62	WS-6	05/22/2017	SM3500-Cr B

Date/Time 05/23/17 9:11
 Received by: IB
 Relinquished by: CP

Date/Time 05/23/17 11:25
 Received by: CP
 Relinquished by: IB