

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB87646

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP55156
Calibration Std. hexchrome 0.05 ppm	WP55155
Hexavalent Chromium LCS Std	WP55161
Calibratation STD HexaChrome 1 PPM	WP55158
Calibratation STD Hexa Chrome 0.5 PPM	WP55157
calibration std. hexchrome 0.01 ppm	WP55153
calibration std. hexchrome 0 ppm	WP55152
Hexavalent Chromium ICV Std.	WP55159
Hexavalent Chromium CCV Std	WP55160
hexavalent chromium color reagent	
0.2N SULFURIC ACID	WP53824
Calibration std Hexachrome, 0.025ppm	WP55154

Intercept: 0.0003

Slope: 0.7641

Regression: 0.99998

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		2.15	0.000	0.000	0.000	05/20/2017	13:00
2	CAL2	0.01	1	100	100		2.44	0.000	0.006	0.006	05/20/2017	13:00
3	CAL3	0.025	1	100	100		2.30	0.000	0.018	0.018	05/20/2017	13:01
4	CAL4	0.05	1	100	100		2.79	0.000	0.039	0.039	05/20/2017	13:01
5	CAL5	0.1	1	100	100		1.82	0.000	0.079	0.079	05/20/2017	13:02
6	CAL6	0.5	1	100	100		1.96	0.000	0.385	0.385	05/20/2017	13:02
7	CAL7	1	1	100	100		2.10	0.000	0.763	0.763	05/20/2017	13:03



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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		1.74	0.000	0.393	0.393	0.514	05/20/2017	13:03
2	ICB		1	100	100		2.26	0.000	0.000	0.000	0.000	05/20/2017	13:04
3	CCV1	0.5	1	100	100		2.39	0.000	0.394	0.394	0.515	05/20/2017	13:04
4	CCB1		1	100	100		2.11	0.000	0.000	0.000	0.000	05/20/2017	13:05
5	LB87646BL		1	100	100		1.83	0.000	0.000	0.000	0.000	05/20/2017	13:05
6	LB87646BS	0.5	1	100	100		2.27	0.003	0.404	0.401	0.524	05/20/2017	13:06
7	I3291-01		1	100	100		1.64	0.008	0.009	0.001	0.001	05/20/2017	13:06
8	I3291-01DUP		1	100	100		1.77	0.009	0.010	0.001	0.001	05/20/2017	13:07
9	I3291-01MS	1	2	100	100		2.30	0.012	0.411	0.399	0.522	05/20/2017	13:07
10	I3291-01MSD	1	2	100	100		1.63	0.011	0.409	0.398	0.520	05/20/2017	13:08
11	CCV2	0.5	1	100	100		2.45	0.000	0.394	0.394	0.515	05/20/2017	13:08
12	CCB2		1	100	100		2.22	0.000	0.000	0.000	0.000	05/20/2017	13:09

WORKLIST(Hardcopy Internal Chain)

LB87646

WorkList Name : Hex052017

WorkList ID : 98818

Date : 5/20/2017 12:35:04 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
	Water	I3291-01	Hexavalent Chromium		DIST01		2AVE-04	05/19/2017	SM3500-Cr B

Date/Time 05/20/17 12:40
 Received by: IB
 Relinquished by: IB

Date/Time 05/20/17 13:52
 Received by: IB
 Relinquished by: IB