

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB89214

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP56884
Calibration Std. hexchrome 0.05 ppm	WP56883
Hexavalent Chromium LCS Std	WP56890
Calibratation STD HexaChrome 1 PPM	WP56886
Calibratation STD Hexa Chrome 0.5 PPM	WP56885
calibration std. hexchrome 0.01 ppm	WP56881
calibration std. hexchrome 0 ppm	WP56879
Hexavalent Chromium ICV Std.	WP56888
Hexavalent Chromium CCV Std	WP56889
hexavalent chromium color reagent	WP56710
0.2N SULFURIC ACID	WP53824
Calibration std Hexachrome, 0.025ppm	WP56882

Intercept: -0.0004

Slope: 0.7595

Regression: 0.999977

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	08/02/2017	16:45
2	CAL2	0.01	1	100	100		2.46	0.000	0.006	0.006	08/02/2017	16:45
3	CAL3	0.025	1	100	100		1.90	0.000	0.017	0.017	08/02/2017	16:46
4	CAL4	0.05	1	100	100		2.01	0.000	0.038	0.038	08/02/2017	16:46
5	CAL5	0.1	1	100	100		1.87	0.000	0.079	0.079	08/02/2017	16:47
6	CAL6	0.5	1	100	100		1.61	0.000	0.377	0.377	08/02/2017	16:47
7	CAL7	1	1	100	100		2.33	0.000	0.760	0.760	08/02/2017	16:48



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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		2.04	0.000	0.383	0.383	0.505	08/02/2017	16:48
2	ICB		1	100	100		1.61	0.000	0.000	0.000	0.001	08/02/2017	16:49
3	CCV1	0.5	1	100	100		1.73	0.000	0.384	0.384	0.506	08/02/2017	16:50
4	CCB1		1	100	100		2.30	0.000	0.000	0.000	0.001	08/02/2017	16:50
5	LB89214BL		1	100	100		2.24	0.000	0.000	0.000	0.001	08/02/2017	16:51
6	LB89214BS	0.5	1	100	100		1.75	0.000	0.387	0.387	0.510	08/02/2017	16:51
7	I4589-01		1	100	100		1.77	0.000	0.000	0.000	0.001	08/02/2017	16:52
8	I4589-01DUP		1	100	100		2.25	0.000	0.000	0.000	0.001	08/02/2017	16:52
9	I4589-01MS	1	2	100	100		1.96	0.000	0.386	0.386	0.509	08/02/2017	16:53
10	I4589-01MSD	1	2	100	100		2.44	0.000	0.385	0.385	0.507	08/02/2017	16:53
11	CCV2	0.5	1	100	100		2.19	0.000	0.385	0.385	0.507	08/02/2017	16:54
12	CCB2		1	100	100		1.78	0.000	0.000	0.000	0.001	08/02/2017	16:54

WORKLIST(Hardcopy Internal Chain)

2389214

WorkList Name : Hex080217-2 WorkList ID : 101433 Date : 8/2/2017 4:00:33 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
	Water	14589-01	Hexavalent Chromium	1:1 HCl to pH <	DIST01	K62	2AVE	08/02/2017	SM3500-Cr B

Date/Time 08/02/17 16:30
 Received by: JB
 Relinquished by: [Signature]

Date/Time 08/02/17 17:00
 Received by: [Signature]
 Relinquished by: JB