

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB95733

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP64924
Calibration Std. hexchrome 0.05 ppm	WP64923
Hexavalent Chromium LCS Std	WP64929
Calibratation STD HexaChrome 1 PPM	WP64926
Calibratation STD Hexa Chrome 0.5 PPM	WP64925
calibration std. hexchrome 0.01 ppm	WP64921
calibration std. hexchrome 0 ppm	WP64920
Hexavalent Chromium ICV Std.	WP64928
Hexavalent Chromium CCV Std	WP64927
hexavalent chromium color reagent	WP64916
0.2N SULFURIC ACID	WP62858
Calibration std Hexachrome, 0.025ppm	WP64922

Intercept: 0.0007

Slope: 0.7521

Regression: 0.999972

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		1.59	0.000	0.000	0.000	05/31/2018	11:00
2	CAL2	0.01	1	100	100		2.07	0.000	0.007	0.007	05/31/2018	11:00
3	CAL3	0.025	1	100	100		2.22	0.000	0.017	0.017	05/31/2018	11:01
4	CAL4	0.05	1	100	100		1.64	0.000	0.039	0.039	05/31/2018	11:01
5	CAL5	0.1	1	100	100		1.98	0.000	0.078	0.078	05/31/2018	11:02
6	CAL6	0.5	1	100	100		2.41	0.000	0.380	0.380	05/31/2018	11:02
7	CAL7	1	1	100	100		2.30	0.000	0.751	0.751	05/31/2018	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		1.93	0.000	0.384	0.384	0.510	05/31/2018	11:03
2	ICB		1	100	100		2.18	0.000	0.000	0.000	-0.001	05/31/2018	11:04
3	CCV1	0.5	1	100	100		2.30	0.000	0.384	0.384	0.510	05/31/2018	11:04
4	CCB1		1	100	100		1.66	0.000	0.000	0.000	-0.001	05/31/2018	11:05
5	LB95733BL		1	100	100		1.74	0.000	0.000	0.000	-0.001	05/31/2018	11:05
6	LB95733BS	0.5	1	100	100		2.04	0.000	0.381	0.381	0.506	05/31/2018	11:06
7	J3212-12		1	100	100		2.10	0.008	0.008	0.000	-0.001	05/31/2018	11:06
8	J3212-12DUP		1	100	100		1.80	0.009	0.009	0.000	-0.001	05/31/2018	11:07
9	J3212-12MS	1	2	100	100		1.75	0.009	0.377	0.368	0.488	05/31/2018	11:07
10	J3212-12MSD	1	2	100	100		2.44	0.000	0.378	0.378	0.502	05/31/2018	11:08
11	CCV2	0.5	1	100	100		1.98	0.000	0.384	0.384	0.510	05/31/2018	11:08
12	CCB2		1	100	100		2.20	0.000	0.000	0.000	-0.001	05/31/2018	11:09

LB95733

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Hex053018-2

WorkList ID : 112766

Date : 5/30/2018 4:00:58 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
05/31/2018	Water	J3212-12	Hexavalent Chromium	Cool 4 deg C	NEWY17	N43	14B(1-4)-COMP	05/30/2018	SM3500-Cr B

Date/Time 05/31/18 10:20
Received by: IB
Relinquished by: JP

Date/Time 05/31/18 11:40
Received by: JP
Relinquished by: IB