



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Alexander

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB108731

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP83491
Calibration Std. hexchrome 0.05 ppm	WP83490
calibration std. hexchrome 0.01 ppm	WP83488
calibration std. hexchrome 0 ppm	WP83487
hexavalent chromium color reagent	WP83113
0.2N SULFURIC ACID	WP79785
Calibration Std Hexachrome 0.025 ppm	WP83489
Hexavalent Chromium ICV-LCS Std	WP83494
Calibration and CCV std HexChrome 0.5PPM	WP83492
Calibration std HexChrome 1.0PPM	WP83493

Intercept: 0.0006

Slope: 0.7874

Regression: 0.999989

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		2.06	0.000	0.000	0.000	04/15/2020	13:05
2	CAL2	0.01	1	100	100		2.08	0.000	0.007	0.007	04/15/2020	13:05
3	CAL3	0.025	1	100	100		2.01	0.000	0.019	0.019	04/15/2020	13:06
4	CAL4	0.05	1	100	100		2.04	0.000	0.041	0.041	04/15/2020	13:07
5	CAL5	0.1	1	100	100		2.08	0.000	0.081	0.081	04/15/2020	13:08
6	CAL6	0.5	1	100	100		2.04	0.000	0.396	0.396	04/15/2020	13:08
7	CAL7	1	1	100	100		2.06	0.000	0.787	0.787	04/15/2020	13:09



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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		2.06	0.000	0.401	0.401	0.509	04/15/2020	13:12
2	ICB		1	100	100		2.08	0.000	0.000	0.000	-0.001	04/15/2020	13:13
3	CCV1	0.5	1	100	100		2.04	0.000	0.397	0.397	0.503	04/15/2020	13:13
4	CCB1		1	100	100		2.04	0.000	0.000	0.000	-0.001	04/15/2020	13:14
5	lb108731BL		1	100	100		2.04	0.000	0.000	0.000	-0.001	04/15/2020	13:14
6	lb108731BS	0.5	1	100	100		2.08	0.000	0.403	0.403	0.511	04/15/2020	13:15
7	L2286-01		1	100	100		2.03	0.000	0.001	0.001	0.001	04/15/2020	13:15
8	L2286-01DUP		1	100	100		2.01	0.000	0.001	0.001	0.001	04/15/2020	13:16
9	L2286-01MS	1	2	100	100		2.04	0.000	0.405	0.405	0.514	04/15/2020	13:17
10	L2286-01MSD	1	2	100	100		2.08	0.000	0.402	0.402	0.510	04/15/2020	13:17
11	CCV2	0.5	1	100	100		2.04	0.000	0.398	0.398	0.505	04/15/2020	13:18
12	CCB2		1	100	100		2.03	0.000	0.000	0.000	-0.001	04/15/2020	13:19

LB108731

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Hexwater2-4152020 WorkList ID : 137898 Department : Wet-Chemistry Date : 04-15-2020 11:14:30

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
04/16/2020	Water	L2286-01	Hexavalent Chromium	Cool 4 deg C	DIST01	55-ST-27		04/15/2020	SM3500-Cr B

Date/Time 4/15/2020 12:30
Received by: AM
Relinquished by: [Signature]

Date/Time 4/15/2020 12:30
Received by: [Signature]
Relinquished by: AM