



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Alexander

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB108754

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP83517
Calibration Std. hexchrome 0.05 ppm	WP83516
calibration std. hexchrome 0.01 ppm	WP83514
calibration std. hexchrome 0 ppm	WP83525
hexavalent chromium color reagent	WP83113
5N sulfuric acid	WP79628
Calibration Std Hexachrome 0.025 ppm	WP83515
Hexavalent Chromium ICV-LCS Std	WP83520
Calibration and CCV std HexChrome 0.5PPM	WP83518
Calibration std HexChrome 1.0PPM	WP83519

Intercept: 0.0007

Slope: 0.7946

Regression: 0.99994

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		2.03	0.000	0.000	0.000	04/16/2020	10:20
2	CAL2	0.01	1	100	100		2.08	0.000	0.008	0.008	04/16/2020	10:21
3	CAL3	0.025	1	100	100		2.08	0.000	0.019	0.019	04/16/2020	10:21
4	CAL4	0.05	1	100	100		2.01	0.000	0.041	0.041	04/16/2020	10:22
5	CAL5	0.1	1	100	100		2.06	0.000	0.079	0.079	04/16/2020	10:23
6	CAL6	0.5	1	100	100		2.06	0.000	0.405	0.405	04/16/2020	10:23
7	CAL7	1	1	100	100		2.03	0.000	0.792	0.792	04/16/2020	10:24



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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	0.504	04/16/2020	10:28
2	ICB		1	100	100		2.03	0.000	0.000	0.000	-0.001	04/16/2020	10:29
3	CCV1	0.5	1	100	100		2.06	0.000	0.406	0.406	0.510	04/16/2020	10:29
4	CCB1		1	100	100		2.04	0.000	0.000	0.000	-0.001	04/16/2020	10:30
5	lb108754BL		1	100	100		2.01	0.000	0.000	0.000	-0.001	04/16/2020	10:30
6	lb108754BS	0.5	1	100	100		2.08	0.000	0.402	0.402	0.505	04/16/2020	10:31
7	L2314-16		1	100	100		2.03	0.001	0.002	0.001	0.000	04/16/2020	10:32
8	L2314-16DUP		1	100	100		2.04	0.000	0.001	0.001	0.000	04/16/2020	10:33
9	L2314-16MS	1	2	100	100		2.04	0.001	0.410	0.409	0.514	04/16/2020	10:34
10	L2314-16MSD	1	2	100	100		2.04	0.000	0.407	0.407	0.511	04/16/2020	10:34
11	CCV2	0.5	1	100	100		2.04	0.000	0.404	0.404	0.508	04/16/2020	10:35
12	CCB2		1	100	100		2.08	0.000	0.000	0.000	-0.001	04/16/2020	10:35

LB108754

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Hexwater-4162020 WorkList ID : 137940 Department : Wet-Chemistry Date : 04-16-2020 08:58:18

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
04/16/2020	Water	L2314-16	Hexavalent Chromium	Cool 4 deg C	WEST10	I11	FB-2020-04-15	04/15/2020	7196A

Date/Time 4/16/2020 9:10
Received by: AM
Relinquished by: CP

Date/Time 4/16/2020 11:40
Received by: CP
Relinquished by: AM