

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Alexander

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB108829

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP83651
Calibration Std. hexchrome 0.05 ppm	WP83650
calibration std. hexchrome 0.01 ppm	WP83648
calibration std. hexchrome 0 ppm	WP83647
hexavalent chromium color reagent	WP83113
5N sulfuric acid	WP79628
Calibration Std Hexachrome 0.025 ppm	WP83649
Hexavalent Chromium ICV-LCS Std	WP83654
Calibration and CCV std HexChrome 0.5PPM	WP83652
Calibration std HexChrome 1.0PPM	WP83653

Intercept: -0.0001

Slope: 0.7928

Regression: 0.999953

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		2.24	0.000	0.001	0.001	04/22/2020	12:10
2	CAL2	0.01	1	100	100		2.18	0.000	0.008	0.008	04/22/2020	12:10
3	CAL3	0.025	1	100	100		2.33	0.000	0.018	0.018	04/22/2020	12:10
4	CAL4	0.05	1	100	100		1.87	0.000	0.037	0.037	04/22/2020	12:12
5	CAL5	0.1	1	100	100		2.01	0.000	0.079	0.079	04/22/2020	12:13
6	CAL6	0.5	1	100	100		2.08	0.000	0.402	0.402	04/22/2020	12:14
7	CAL7	1	1	100	100		1.92	0.000	0.790	0.790	04/22/2020	12:14



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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		2.11	0.000	0.404	0.404	0.510	04/22/2020	12:15
2	ICB		1	100	100		2.01	0.000	0.000	0.000	0.000	04/22/2020	12:15
3	CCV1	0.5	1	100	100		2.06	0.000	0.407	0.407	0.513	04/22/2020	12:16
4	CCB1		1	100	100		1.90	0.000	0.000	0.000	0.000	04/22/2020	12:16
5	lb108829BL		1	100	100		1.83	0.000	0.000	0.000	0.000	04/22/2020	12:17
6	lb108829BS	0.5	1	100	100		2.22	0.000	0.403	0.403	0.508	04/22/2020	12:18
7	L2385-02		1	100	100		2.45	0.001	0.002	0.001	0.001	04/22/2020	12:19
8	L2385-02DUP		1	100	100		2.04	0.001	0.001	0.000	0.000	04/22/2020	12:19
9	L2385-02MS	1	2	100	100		2.11	0.002	0.417	0.415	0.524	04/22/2020	12:20
10	L2385-02MSD	1	2	100	100		2.36	0.001	0.415	0.414	0.522	04/22/2020	12:21
11	CCV2	0.5	1	100	100		2.08	0.000	0.406	0.406	0.512	04/22/2020	12:22
12	CCB2		1	100	100		2.20	0.000	0.000	0.000	0.000	04/22/2020	12:22

LB108829 WORKLIST(Hardcopy Internal Chain)

WorkList Name : Hexwater-42220

WorkList ID : 138122

Department : Wet-Chemistry

Date : 04-22-2020 11:26:54

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
04/22/2020	Water	L2385-02	Hexavalent Chromium	Cool 4 deg C	SHAW22	J11	OUTFALL001-200421	04/21/2020	7196A

Date/Time 4/22/2020 11:30
 Received by: Am
 Relinquished by: Am

Date/Time 4/22/2020 12:35
 Received by: Am
 Relinquished by: Am