



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Iwona

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB119283

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP95888
Calibration Std. hexchrome 0.05 ppm	WP95889
calibration std. hexchrome 0.01 ppm	WP95890
calibration std. hexchrome 0 ppm	WP95891
hexavalent chromium color reagent	WP95878
0.2N SULFURIC ACID	WP94567
Calibration Std Hexachrome 0.025 ppm	WP95893
Hexavalent Chromium ICV-LCS Std	WP95892
Calibration and CCV std HexChrome 0.5PPM	WP95887
Calibration std HexChrome 1.0PPM	WP95886

Intercept: -0.0007

Slope: 0.782

Regression: 0.999997

Seq	Lab ID	True Value (mg/L)	DF	Initial Vol (mL)	Final Vol (mL)	pH HN03	pH H2SO4	Absorb.at 540nm		Absorbance Difference	Result (mg/L)	%D	Anal Date	Anal Time
								Backgrnd	Color					
1	CAL1	0	1	100	100		1.96	0.000	0.000	0.000	0.000		03/22/2022	13:30
2	CAL2	0.01	1	100	100		2.01	0.000	0.006	0.006	0.008	20	03/22/2022	13:31
3	CAL3	0.025	1	100	100		2.41	0.000	0.018	0.018	0.023	8	03/22/2022	13:32
4	CAL4	0.05	1	100	100		1.65	0.000	0.039	0.039	0.050	0	03/22/2022	13:33
5	CAL5	0.1	1	100	100		2.33	0.000	0.078	0.078	0.100	0	03/22/2022	13:34
6	CAL6	0.5	1	100	100		2.45	0.000	0.391	0.391	0.500	0	03/22/2022	13:35
7	CAL7	1	1	100	100		2.06	0.000	0.781	0.781	0.999	0.1	03/22/2022	13:36



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pH Meter ID: WC pH Meter-1

Seq	Lab ID	True Value	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb.at540nm		Absorbance Difference	Intermediate Result (mg/L)	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		1.74	0.000	0.394	0.394	0.505	03/22/2022	13:37
2	ICB		1	100	100		2.12	0.000	0.001	0.001	0.002	03/22/2022	13:38
3	CCV1	0.5	1	100	100		2.01	0.000	0.397	0.397	0.509	03/22/2022	13:39
4	CCB1		1	100	100		1.95	0.000	0.000	0.000	0.001	03/22/2022	13:40
5	RL Check	0.01	1	100	100		1.80	0.000	0.007	0.007	0.010	03/22/2022	13:41
6	LB119283BL		1	100	100		2.07	0.000	0.001	0.001	0.002	03/22/2022	13:42
7	LB119283BS	0.5	1	100	100		2.36	0.000	0.395	0.395	0.506	03/22/2022	13:43
8	N1873-02		1	100	100		2.11	0.000	0.374	0.374	0.479	03/22/2022	13:44
9	N1996-01		1	100	100		2.20	0.001	0.002	0.001	0.002	03/22/2022	13:45
10	N1996-01DU		1	100	100		1.89	0.001	0.001	0.000	0.001	03/22/2022	13:46
11	N1996-01MS	1	2	100	100		1.84	0.000	0.401	0.401	0.514	03/22/2022	13:47
12	N1996-01MS	1	2	100	100		1.79	0.001	0.402	0.401	0.514	03/22/2022	13:48
13	CCV2	0.5	1	100	100		2.06	0.000	0.392	0.392	0.502	03/22/2022	13:49
14	CCB2		1	100	100		2.36	0.000	0.002	0.002	0.003	03/22/2022	13:50

WORKLIST(Hardcopy Internal Chain)

LB119283

WorkList Name : HEX-031822-2 WorkList ID : 157859 Department : Wet-Chemistry Date : 03-18-2022 11:26:35

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
03/23/2022	Water	N1996-01	Hexavalent Chromium	Ammonium sul	LIRO01	N23	FT-TOTTEN-MW-01-GW	03/15/2022	SM3500-Cr B

Date/Time 3/22/22 13:10
Raw Sample Received by: 12(wc)
Raw Sample Relinquished by: 12(wc)

Date/Time 3/22/ 14:20
Raw Sample Received by: 12(wc)
Raw Sample Relinquished by: 12(wc)