

Analytical Summary Report

Analysis Method: ~~SM3500-Cr B~~

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: ~~LB135133~~

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP112428
Calibration Std. hexchrome 0.05 ppm	WP112427
calibration std. hexchrome 0.01 ppm	WP112425
calibration std. hexchrome 0 ppm	WP112424
hexavalent chromium color reagent	WP112371
0.2N SULFURIC ACID	WP111959
Calibration Std Hexachrome 0.025 ppm	WP112426
Hexavalent Chromium ICV-LCS Std	WP112431
Calibration and CCV std HexChrome 0.5PPM	WP112429
Calibration std HexChrome 1.0PPM	WP112430

Intercept: -0.0002

Slope: 0.7807

Regression: 0.999995

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		1.74	0.000	0.000	0.000	0.000		03/21/2025	14:50
2	CAL2	0.01	1	100	100		1.82	0.000	0.008	0.008	0.010	0	03/21/2025	14:51
3	CAL3	0.025	1	100	100		1.79	0.000	0.018	0.018	0.023	-8	03/21/2025	14:52
4	CAL4	0.05	1	100	100		1.88	0.000	0.038	0.038	0.048	-4	03/21/2025	14:53
5	CAL5	0.1	1	100	100		1.96	0.000	0.079	0.079	0.101	1	03/21/2025	14:54
6	CAL6	0.5	1	100	100		1.99	0.000	0.391	0.391	0.501	0.2	03/21/2025	14:55
7	CAL7	1	1	100	100		1.90	0.000	0.780	0.780	0.999	-0.1	03/21/2025	14:56

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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		1.88	0.000	0.389	0.389	0.499	03/21/2025	14:57
2	ICB		1	100	100		1.92	0.000	0.000	0.000	0.000	03/21/2025	14:58
3	CCV1	0.5	1	100	100		1.96	0.000	0.388	0.388	0.497	03/21/2025	15:59
4	CCB1		1	100	100		1.73	0.000	0.000	0.000	0.000	03/21/2025	15:00
5	RL Check	0.01	1	100	100		1.87	0.000	0.009	0.009	0.012	03/21/2025	15:01
6	lb135133BL		1	100	100		1.80	0.000	0.000	0.000	0.000	03/21/2025	15:02
7	lb135133BS	0.5	1	100	100		1.89	0.000	0.392	0.392	0.502	03/21/2025	15:03
8	Q1625-01		1	100	100		1.98	0.000	0.000	0.000	0.000	03/21/2025	15:04
9	Q1625-01DU		1	100	100		2.06	0.000	0.000	0.000	0.000	03/21/2025	15:05
10	Q1625-01MS	1	2	100	100		2.10	0.000	0.385	0.385	0.493	03/21/2025	15:06
11	Q1625-01MS	1	2	100	100		2.04	0.000	0.387	0.387	0.496	03/21/2025	15:07
12	CCV2	0.5	1	100	100		1.90	0.000	0.389	0.389	0.499	03/21/2025	15:08
13	CCB2		1	100	100		1.92	0.000	0.000	0.000	0.000	03/21/2025	15:09