

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB137923

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP115703
Calibration Std. hexchrome 0.05 ppm	WP115702
calibration std. hexchrome 0.01 ppm	WP115700
calibration std. hexchrome 0 ppm	WP115699
hexavalent chromium color reagent	WP115688
0.2N SULFURIC ACID	WP114341
HEX LOD STD, 0.005PPM	WP115707
Calibration Std Hexachrome 0.025 ppm	WP115701
Hexavalent Chromium ICV-LCS Std	WP115706
Calibration and CCV std HexChrome 0.5PPM	WP115704
Calibration std HexChrome 1.0PPM	WP115705

Intercept: 0.0007

Slope: 0.78

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		2.07	0.000	0.000	0.000	-0.00		11/17/2025	17:00
2	CAL2	0.01	1	100	100		2.04	0.000	0.009	0.009	0.010	0	11/17/2025	17:00
3	CAL3	0.025	1	100	100		2.06	0.000	0.020	0.020	0.024	-4	11/17/2025	17:01
4	CAL4	0.05	1	100	100		2.06	0.000	0.039	0.039	0.049	-2	11/17/2025	17:01
5	CAL5	0.1	1	100	100		1.92	0.000	0.079	0.079	0.100	0	11/17/2025	17:02
6	CAL6	0.5	1	100	100		2.01	0.000	0.392	0.392	0.501	0.2	11/17/2025	17:02
7	CAL7	1	1	100	100		2.06	0.000	0.780	0.780	0.999	-0.1	11/17/2025	17:03

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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		1.97	0.000	0.394	0.394	0.504	11/17/2025	17:03
2	ICB		1	100	100		2.01	0.000	0.000	0.000	-0.001	11/17/2025	17:04
3	CCV1	0.5	1	100	100		2.04	0.000	0.392	0.392	0.502	11/17/2025	17:04
4	CCB1		1	100	100		2.10	0.000	0.000	0.000	-0.001	11/17/2025	17:05
5	RL Check	0.01	1	100	100		2.08	0.000	0.009	0.009	0.011	11/17/2025	17:05
6	LB137923BL		1	100	100		2.02	0.000	0.000	0.000	-0.001	11/17/2025	17:06
7	LB137923BS	0.5	1	100	100		1.99	0.000	0.398	0.398	0.509	11/17/2025	17:06
8	Q3530-12		1	100	100		1.98	0.000	0.005	0.005	0.006	11/17/2025	17:07
9	Q3660-01		1	100	100		2.07	0.000	0.150	0.150	0.191	11/17/2025	17:07
10	Q3660-01DU		1	100	100		2.10	0.000	0.150	0.150	0.191	11/17/2025	17:08
11	Q3660-01MS	1	2	100	100		2.10	0.000	0.496	0.496	0.635	11/17/2025	17:08
12	Q3660-01MS	1	2	100	100		2.06	0.000	0.495	0.495	0.634	11/17/2025	17:09
13	CCV2	0.5	1	100	100		2.03	0.000	0.391	0.391	0.500	11/17/2025	17:09
14	CCB2		1	100	100		1.95	0.000	0.000	0.000	-0.001	11/17/2025	17:10