

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB137521

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP115186
Calibration Std. hexchrome 0.05 ppm	WP115185
calibration std. hexchrome 0.01 ppm	WP115183
calibration std. hexchrome 0 ppm	WP115182
hexavalent chromium color reagent	WP115123
0.2N SULFURIC ACID	WP114341
Calibration Std Hexachrome 0.025 ppm	WP115184
Hexavalent Chromium ICV-LCS Std	WP115189
Calibration and CCV std HexChrome 0.5PPM	WP115187
Calibration std HexChrome 1.0PPM	WP115188

Intercept: 0.0002

Slope: 0.7801

Regression: 0.999998

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		1.90	0.000	0.000	0.000	-0.00		10/14/2025	17:45
2	CAL2	0.01	1	100	100		1.97	0.000	0.009	0.009	0.011	10	10/14/2025	17:45
3	CAL3	0.025	1	100	100		1.90	0.000	0.019	0.019	0.024	-4	10/14/2025	17:46
4	CAL4	0.05	1	100	100		2.01	0.000	0.039	0.039	0.049	-2	10/14/2025	17:46
5	CAL5	0.1	1	100	100		1.94	0.000	0.078	0.078	0.099	-1	10/14/2025	17:47
6	CAL6	0.5	1	100	100		1.98	0.000	0.391	0.391	0.500	0	10/14/2025	17:47
7	CAL7	1	1	100	100		2.02	0.000	0.780	0.780	0.999	-0.1	10/14/2025	17:48

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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		1.90	0.000	0.392	0.392	0.502	10/14/2025	17:48
2	ICB		1	100	100		1.93	0.000	0.000	0.000	0.000	10/14/2025	17:49
3	CCV1	0.5	1	100	100		1.99	0.000	0.390	0.390	0.500	10/14/2025	17:49
4	CCB1		1	100	100		1.96	0.000	0.000	0.000	0.000	10/14/2025	17:50
5	RL Check	0.01	1	100	100		1.98	0.000	0.009	0.009	0.011	10/14/2025	17:50
6	lb137521BL		1	100	100		2.00	0.000	0.000	0.000	0.000	10/14/2025	17:51
7	lb137521BS	0.5	1	100	100		2.04	0.000	0.399	0.399	0.511	10/14/2025	17:51
8	Q3345-07		1	100	100		2.06	0.000	0.000	0.000	0.000	10/14/2025	17:52
9	Q3345-07DU		1	100	100		2.03	0.000	0.000	0.000	0.000	10/14/2025	17:52
10	Q3345-07MS	1	2	100	100		2.01	0.000	0.379	0.379	0.486	10/14/2025	17:53
11	Q3345-07MS	1	2	100	100		2.06	0.000	0.377	0.377	0.483	10/14/2025	17:53
12	CCV2	0.5	1	100	100		1.94	0.000	0.392	0.392	0.502	10/14/2025	17:54
13	CCB2		1	100	100		1.92	0.000	0.000	0.000	0.000	10/14/2025	17:54