

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB134908

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP112181
Calibration Std. hexchrome 0.05 ppm	WP112180
calibration std. hexchrome 0.01 ppm	WP112178
calibration std. hexchrome 0 ppm	WP112177
hexavalent chromium color reagent	WP112185
0.2N SULFURIC ACID	WP111959
Calibration Std Hexachrome 0.025 ppm	WP112179
Hexavalent Chromium ICV-LCS Std	WP112184
Calibration and CCV std HexChrome 0.5PPM	WP112182
Calibration std HexChrome 1.0PPM	WP112183

Intercept: 0.0003

Slope: 0.7804

Regression: 0.999996

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		1.88	0.000	0.000	0.000	-0.00		03/05/2025	16:30
2	CAL2	0.01	1	100	100		1.82	0.000	0.009	0.009	0.011	10	03/05/2025	16:31
3	CAL3	0.025	1	100	100		1.90	0.000	0.019	0.019	0.023	-8	03/05/2025	16:32
4	CAL4	0.05	1	100	100		1.97	0.000	0.039	0.039	0.049	-2	03/05/2025	16:33
5	CAL5	0.1	1	100	100		2.02	0.000	0.078	0.078	0.099	-1	03/05/2025	16:34
6	CAL6	0.5	1	100	100		1.90	0.000	0.392	0.392	0.501	0.2	03/05/2025	16:35
7	CAL7	1	1	100	100		1.94	0.000	0.780	0.780	0.999	-0.1	03/05/2025	16:36

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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		1.90	0.000	0.390	0.390	0.499	03/05/2025	16:37
2	ICB		1	100	100		1.95	0.000	0.000	0.000	0.000	03/05/2025	16:38
3	CCV1	0.5	1	100	100		2.03	0.000	0.392	0.392	0.502	03/05/2025	16:39
4	CCB1		1	100	100		2.00	0.000	0.000	0.000	0.000	03/05/2025	16:40
5	RL Check	0.01	1	100	100		1.90	0.000	0.010	0.010	0.012	03/05/2025	16:41
6	LB134908BL		1	100	100		1.85	0.000	0.000	0.000	0.000	03/05/2025	16:42
7	LB134908BS	0.5	1	100	100		2.01	0.000	0.391	0.391	0.501	03/05/2025	16:43
8	Q1494-01		1	100	100		2.05	0.000	0.000	0.000	0.000	03/05/2025	16:44
9	Q1494-01DU		1	100	100		2.10	0.000	0.000	0.000	0.000	03/05/2025	16:45
10	Q1494-01MS	1	2	100	100		2.10	0.000	0.377	0.377	0.483	03/05/2025	16:46
11	Q1494-01MS	1	2	100	100		2.15	0.000	0.375	0.375	0.480	03/05/2025	16:47
12	CCV2	0.5	1	100	100		1.94	0.000	0.392	0.392	0.502	03/05/2025	16:48
13	CCB2		1	100	100		1.87	0.000	0.000	0.000	0.000	03/05/2025	16:49