

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB134220

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP111340
Calibration Std. hexchrome 0.05 ppm	WP111339
calibration std. hexchrome 0.01 ppm	WP111337
calibration std. hexchrome 0 ppm	WP111336
hexavalent chromium color reagent	WP111293
0.2N SULFURIC ACID	WP109325
Calibration Std Hexachrome 0.025 ppm	WP111338
Hexavalent Chromium ICV-LCS Std	WP111343
Calibration and CCV std HexChrome 0.5PPM	WP111341
Calibration std HexChrome 1.0PPM	WP111342

Intercept: -0.0007

Slope: 0.7829

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		1.81	0.000	0.000	0.000	0.000		01/09/2025	15:20
2	CAL2	0.01	1	100	100		1.91	0.000	0.007	0.007	0.009	-10	01/09/2025	15:21
3	CAL3	0.025	1	100	100		1.87	0.000	0.018	0.018	0.023	-8	01/09/2025	15:22
4	CAL4	0.05	1	100	100		1.89	0.000	0.038	0.038	0.049	-2	01/09/2025	15:23
5	CAL5	0.1	1	100	100		1.91	0.000	0.078	0.078	0.100	0	01/09/2025	15:24
6	CAL6	0.5	1	100	100		1.88	0.000	0.391	0.391	0.500	0	01/09/2025	15:25
7	CAL7	1	1	100	100		1.87	0.000	0.782	0.782	0.999	-0.1	01/09/2025	15:26

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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		1.93	0.000	0.390	0.390	0.499	01/09/2025	15:27
2	ICB		1	100	100		1.76	0.000	0.000	0.000	0.001	01/09/2025	15:28
3	CCV1	0.5	1	100	100		1.92	0.000	0.391	0.391	0.500	01/09/2025	15:29
4	CCB1		1	100	100		1.79	0.000	0.000	0.000	0.001	01/09/2025	15:30
5	RL Check	0.01	1	100	100		1.91	0.000	0.008	0.008	0.011	01/09/2025	15:31
6	LB134220BL		1	100	100		1.81	0.000	0.000	0.000	0.001	01/09/2025	15:32
7	LB134220BS	0.5	1	100	100		1.95	0.000	0.401	0.401	0.513	01/09/2025	15:33
8	Q1049-01		1	100	100		2.12	0.000	0.000	0.000	0.001	01/09/2025	15:34
9	Q1049-01DU		1	100	100		2.13	0.000	0.000	0.000	0.001	01/09/2025	15:35
10	Q1049-01MS	1	2	100	100		2.10	0.000	0.385	0.385	0.493	01/09/2025	15:36
11	Q1049-01MS	1	2	100	100		2.13	0.000	0.384	0.384	0.491	01/09/2025	15:37
12	CCV2	0.5	1	100	100		1.94	0.000	0.390	0.390	0.499	01/09/2025	15:38
13	CCB2		1	100	100		1.77	0.000	0.000	0.000	0.001	01/09/2025	15:39