

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB136426

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP113900
Calibration Std. hexchrome 0.05 ppm	WP113899
calibration std. hexchrome 0.01 ppm	WP113897
calibration std. hexchrome 0 ppm	WP113896
hexavalent chromium color reagent	WP113840
0.2N SULFURIC ACID	WP111959
Calibration Std Hexachrome 0.025 ppm	WP113898
Hexavalent Chromium ICV-LCS Std	WP113903
Calibration and CCV std HexChrome 0.5PPM	WP113901
Calibration std HexChrome 1.0PPM	WP113902

Intercept: -0.0002

Slope: 0.7819

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		1.94	0.000	0.000	0.000	0.000		07/10/2025	16:30
2	CAL2	0.01	1	100	100		2.01	0.000	0.008	0.008	0.010	0	07/10/2025	16:30
3	CAL3	0.025	1	100	100		1.97	0.000	0.019	0.019	0.024	-4	07/10/2025	16:31
4	CAL4	0.05	1	100	100		1.92	0.000	0.038	0.038	0.048	-4	07/10/2025	16:31
5	CAL5	0.1	1	100	100		1.99	0.000	0.079	0.079	0.101	1	07/10/2025	16:32
6	CAL6	0.5	1	100	100		1.88	0.000	0.390	0.390	0.499	-0.2	07/10/2025	16:32
7	CAL7	1	1	100	100		1.92	0.000	0.782	0.782	1.000	0	07/10/2025	16:33

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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		1.89	0.000	0.392	0.392	0.502	07/10/2025	16:33
2	ICB		1	100	100		1.84	0.000	0.000	0.000	0.000	07/10/2025	16:34
3	CCV1	0.5	1	100	100		1.98	0.000	0.391	0.391	0.500	07/10/2025	16:34
4	CCB1		1	100	100		1.85	0.000	0.000	0.000	0.000	07/10/2025	16:35
5	RL Check	0.01	1	100	100		1.98	0.000	0.008	0.008	0.010	07/10/2025	16:35
6	LB136426BL		1	100	100		1.88	0.000	0.000	0.000	0.000	07/10/2025	16:36
7	LB136426BS	0.5	1	100	100		2.03	0.000	0.392	0.392	0.502	07/10/2025	16:36
8	Q2565-01		1	100	100		2.16	0.000	0.000	0.000	0.000	07/10/2025	16:37
9	Q2565-01DU		1	100	100		2.20	0.000	0.000	0.000	0.000	07/10/2025	16:37
10	Q2565-01MS	1	2	100	100		2.14	0.000	0.361	0.361	0.462	07/10/2025	16:38
11	Q2565-01MS	1	2	100	100		2.23	0.000	0.362	0.362	0.463	07/10/2025	16:38
12	CCV2	0.5	1	100	100		1.90	0.000	0.390	0.390	0.499	07/10/2025	16:39
13	CCB2		1	100	100		1.78	0.000	0.000	0.000	0.000	07/10/2025	16:39