

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB136343

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP113764
Calibration Std. hexchrome 0.05 ppm	WP113763
calibration std. hexchrome 0.01 ppm	WP113761
calibration std. hexchrome 0 ppm	WP113760
hexavalent chromium color reagent	WP113747
0.2N SULFURIC ACID	WP111959
HEX LOD STD, 0.005PPM	WP113768
Calibration Std Hexachrome 0.025 ppm	WP113762
Hexavalent Chromium ICV-LCS Std	WP113767
Calibration and CCV std HexChrome 0.5PPM	WP113765
Calibration std HexChrome 1.0PPM	WP113766

Intercept: 0.0001

Slope: 0.7819

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		1.77	0.000	0.000	0.000	-0.00		07/01/2025	16:01
2	CAL2	0.01	1	100	100		1.90	0.000	0.009	0.009	0.011	10	07/01/2025	16:01
3	CAL3	0.025	1	100	100		1.88	0.000	0.019	0.019	0.024	-4	07/01/2025	16:02
4	CAL4	0.05	1	100	100		1.86	0.000	0.039	0.039	0.049	-2	07/01/2025	16:02
5	CAL5	0.1	1	100	100		1.91	0.000	0.078	0.078	0.099	-1	07/01/2025	16:03
6	CAL6	0.5	1	100	100		1.88	0.000	0.391	0.391	0.499	-0.2	07/01/2025	16:03
7	CAL7	1	1	100	100		1.85	0.000	0.782	0.782	1	0	07/01/2025	16:04

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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		1.95	0.000	0.390	0.390	0.499	07/01/2025	16:04
2	ICB		1	100	100		1.79	0.000	0.000	0.000	0.000	07/01/2025	16:05
3	CCV1	0.5	1	100	100		1.89	0.000	0.391	0.391	0.500	07/01/2025	16:05
4	CCB1		1	100	100		1.72	0.000	0.000	0.000	0.000	07/01/2025	16:06
5	RL Check	0.01	1	100	100		1.93	0.000	0.009	0.009	0.011	07/01/2025	16:06
6	LB136343BL		1	100	100		1.83	0.000	0.000	0.000	0.000	07/01/2025	16:07
7	LB136343BS	0.5	1	100	100		1.90	0.000	0.392	0.392	0.501	07/01/2025	16:07
8	Q2126-12		1	100	100		1.94	0.000	0.004	0.004	0.005	07/01/2025	16:08
9	CCV2	0.5	1	100	100		1.87	0.000	0.390	0.390	0.499	07/01/2025	16:08
10	CCB2		1	100	100		1.80	0.000	0.000	0.000	0.000	07/01/2025	16:09