

Analytical Summary Report

Analysis Method: SM3500-Cr-B

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB137767

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP115461
Calibration Std. hexchrome 0.05 ppm	WP115460
calibration std. hexchrome 0.01 ppm	WP115458
calibration std. hexchrome 0 ppm	WP115457
hexavalent chromium color reagent	WP115393
0.2N SULFURIC ACID	WP114341
HEX LOD STD, 0.005PPM	WP115465
Hex LOQ Std, 0.01PPM	WP115466
Calibration Std Hexachrome 0.025 ppm	WP115459
Hexavalent Chromium ICV-LCS Std	WP115464
Calibration and CCV std HexChrome 0.5PPM	WP115462
Calibration std HexChrome 1.0PPM	WP115463

Intercept: -0

Slope: 0.78

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		1.93	0.000	0.000	0.000	0		11/04/2025	17:10
2	CAL2	0.01	1	100	100		1.90	0.000	0.009	0.009	0.011	10	11/04/2025	17:10
3	CAL3	0.025	1	100	100		1.97	0.000	0.019	0.019	0.024	-4	11/04/2025	17:11
4	CAL4	0.05	1	100	100		2.04	0.000	0.038	0.038	0.048	-4	11/04/2025	17:11
5	CAL5	0.1	1	100	100		2.00	0.000	0.078	0.078	0.1	0	11/04/2025	17:12
6	CAL6	0.5	1	100	100		1.95	0.000	0.390	0.390	0.5	0	11/04/2025	17:12
7	CAL7	1	1	100	100		1.94	0.000	0.780	0.780	1	0	11/04/2025	17:13

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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		1.98	0.000	0.392	0.392	0.503	11/04/2025	17:13
2	ICB		1	100	100		1.88	0.000	0.000	0.000	0.000	11/04/2025	17:14
3	CCV1	0.5	1	100	100		2.01	0.000	0.394	0.394	0.505	11/04/2025	17:14
4	CCB1		1	100	100		1.92	0.000	0.000	0.000	0.000	11/04/2025	17:15
5	RL Check	0.01	1	100	100		2.01	0.000	0.009	0.009	0.012	11/04/2025	17:15
6	lb137767BL		1	100	100		2.04	0.000	0.000	0.000	0.000	11/04/2025	17:16
7	lb137767BS	0.5	1	100	100		1.96	0.000	0.399	0.399	0.512	11/04/2025	17:16
8	Q3530-10		1	100	100		1.90	0.000	0.005	0.005	0.006	11/04/2025	17:17
9	Q3530-11		1	100	100		1.93	0.000	0.009	0.009	0.012	11/04/2025	17:17
10	Q3537-03		1	100	100		2.03	0.000	0.000	0.000	0.000	11/04/2025	17:18
11	Q3537-03DU		1	100	100		2.00	0.000	0.000	0.000	0.000	11/04/2025	17:18
12	Q3537-03MS	1	2	100	100		2.06	0.000	0.377	0.377	0.483	11/04/2025	17:19
13	Q3537-03MS	1	2	100	100		2.03	0.000	0.378	0.378	0.485	11/04/2025	17:19
14	Q3541-01		1	100	100		2.10	0.000	0.000	0.000	0.000	11/04/2025	17:20
15	CCV2	0.5	1	100	100		2.06	0.000	0.391	0.391	0.501	11/04/2025	17:20
16	CCB2		1	100	100		1.99	0.000	0.000	0.000	0.000	11/04/2025	17:21