

Analytical Summary Report

Analysis Method: ~~SM3500-Cr B~~

ANALYST: Eman

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: ~~LB136222~~

pH Meter ID: pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP113598
Calibration Std. hexchrome 0.05 ppm	WP113597
calibration std. hexchrome 0.01 ppm	WP113602
calibration std. hexchrome 0 ppm	WP113596
hexavalent chromium color reagent	WP113606
0.2N SULFURIC ACID	WP111959
HEX LOD STD, 0.005PPM	WP113599
Hex LOQ Std, 0.01PPM	WP113600
Calibration Std Hexachrome 0.025 ppm	WP113594
Hexavalent Chromium ICV-LCS Std	WP113607
Calibration and CCV std HexChrome 0.5PPM	WP113593
Calibration std HexChrome 1.0PPM	WP113595

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		2.36	0.000	0.000	0.000	-0.00		06/20/2025	16:00
2	CAL2	0.01	1	100	100		2.10	0.000	0.009	0.009	0.011	10	06/20/2025	16:01
3	CAL3	0.025	1	100	100		2.24	0.000	0.019	0.019	0.024	-4	06/20/2025	16:02
4	CAL4	0.05	1	100	100		2.15	0.000	0.039	0.039	0.049	-2	06/20/2025	16:03
5	CAL5	0.1	1	100	100		2.25	0.000	0.078	0.078	0.099	-1	06/20/2025	16:04
6	CAL6	0.5	1	100	100		2.07	0.000	0.391	0.391	0.499	-0.2	06/20/2025	16:05
7	CAL7	1	1	100	100		2.27	0.000	0.782	0.782	1	0	06/20/2025	16:06

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pH Meter ID: pH Meter-1

Seq	Lab ID	True Value	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HNO3	pH H2SO4	Absorb.at540nm		Absorbance Difference	Intermediate Result (mg/L)	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		1.82	0.000	0.390	0.390	0.499	06/20/2025	16:07
2	ICB		1	100	100		1.71	0.000	0.000	0.000	0.000	06/20/2025	16:08
3	CCV1	0.5	1	100	100		1.99	0.000	0.392	0.392	0.501	06/20/2025	16:09
4	CCB1		1	100	100		1.84	0.000	0.000	0.000	0.000	06/20/2025	16:10
5	RL Check	0.01	1	100	100		1.95	0.000	0.009	0.009	0.011	06/20/2025	16:11
6	LB136222BL		1	100	100		1.84	0.000	0.000	0.000	0.000	06/20/2025	16:12
7	LB136222BS	0.5	1	100	100		1.90	0.000	0.400	0.400	0.511	06/20/2025	16:13
8	Q2126-10		1	100	100		1.99	0.000	0.005	0.005	0.006	06/20/2025	16:14
9	Q2126-11		1	100	100		1.97	0.000	0.009	0.009	0.011	06/20/2025	16:15
10	Q2385-01		1	100	100		2.11	0.000	0.000	0.000	0.000	06/20/2025	16:16
11	Q2385-01DU		1	100	100		2.12	0.000	0.000	0.000	0.000	06/20/2025	16:17
12	Q2385-01MS	1	2	100	100		2.11	0.000	0.381	0.381	0.487	06/20/2025	16:18
13	Q2385-01MS	1	2	100	100		2.14	0.000	0.379	0.379	0.485	06/20/2025	16:19
14	CCV2	0.5	1	100	100		1.94	0.000	0.391	0.391	0.500	06/20/2025	16:20
15	CCB2		1	100	100		1.81	0.000	0.000	0.000	0.000	06/20/2025	16:21