

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB132625

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP109938
Calibration Std. hexchrome 0.05 ppm	WP109937
calibration std. hexchrome 0.01 ppm	WP109935
calibration std. hexchrome 0 ppm	WP109934
hexavalent chromium color reagent	WP109886
0.2N SULFURIC ACID	WP109325
Calibration Std Hexachrome 0.025 ppm	WP109936
Hexavalent Chromium ICV-LCS Std	WP109941
Calibration and CCV std HexChrome 0.5PPM	WP109939
Calibration std HexChrome 1.0PPM	WP109940

Intercept: 0.0002

Slope: 0.7813

Regression: 0.999994

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		1.78	0.000	0.000	0.000	-0.00		09/26/2024	15:31
2	CAL2	0.01	1	100	100		1.88	0.000	0.010	0.010	0.012	20	09/26/2024	15:32
3	CAL3	0.025	1	100	100		1.85	0.000	0.020	0.020	0.025	0	09/26/2024	15:33
4	CAL4	0.05	1	100	100		1.88	0.000	0.038	0.038	0.048	-4	09/26/2024	15:34
5	CAL5	0.1	1	100	100		1.90	0.000	0.078	0.078	0.099	-1	09/26/2024	15:35
6	CAL6	0.5	1	100	100		1.84	0.000	0.390	0.390	0.498	-0.4	09/26/2024	15:36
7	CAL7	1	1	100	100		1.87	0.000	0.782	0.782	1.000	0	09/26/2024	15:37



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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		1.87	0.000	0.390	0.390	0.499	09/26/2024	15:38
2	ICB		1	100	100		1.81	0.001	0.001	0.000	0.000	09/26/2024	15:39
3	CCV1	0.5	1	100	100		1.92	0.000	0.391	0.391	0.500	09/26/2024	15:40
4	CCB1		1	100	100		1.75	0.000	0.000	0.000	0.000	09/26/2024	15:41
5	RL Check	0.01	1	100	100		1.90	0.000	0.009	0.009	0.011	09/26/2024	15:42
6	LB132625BL		1	100	100		1.78	0.000	0.000	0.000	0.000	09/26/2024	15:43
7	LB132625BS	0.5	1	100	100		1.91	0.000	0.403	0.403	0.516	09/26/2024	15:44
8	P4209-02		1	100	100		2.04	0.000	0.000	0.000	0.000	09/26/2024	15:45
9	P4209-02DU		1	100	100		2.04	0.000	0.000	0.000	0.000	09/26/2024	15:46
10	P4209-02MS	1	2	100	100		2.06	0.000	0.387	0.387	0.495	09/26/2024	15:47
11	P4209-02MS	1	2	100	100		2.04	0.000	0.388	0.388	0.496	09/26/2024	15:48
12	CCV2	0.5	1	100	100		1.93	0.000	0.390	0.390	0.499	09/26/2024	15:49
13	CCB2		1	100	100		1.79	0.000	0.000	0.000	0.000	09/26/2024	15:50