

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB132340

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP109625
Calibration Std. hexchrome 0.05 ppm	WP109624
calibration std. hexchrome 0.01 ppm	WP109622
calibration std. hexchrome 0 ppm	WP109621
hexavalent chromium color reagent	WP109629
0.2N SULFURIC ACID	WP109325
Calibration Std Hexachrome 0.025 ppm	WP109623
Hexavalent Chromium ICV-LCS Std	WP109628
Calibration and CCV std HexChrome 0.5PPM	WP109626
Calibration std HexChrome 1.0PPM	WP109627

Intercept: -0.0001

Slope: 0.7825

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		1.75	0.000	0.000	0.000	0.000		09/10/2024	13:00
2	CAL2	0.01	1	100	100		1.87	0.000	0.009	0.009	0.011	10	09/10/2024	13:01
3	CAL3	0.025	1	100	100		1.85	0.000	0.018	0.018	0.023	-8	09/10/2024	13:02
4	CAL4	0.05	1	100	100		1.88	0.000	0.038	0.038	0.048	-4	09/10/2024	13:03
5	CAL5	0.1	1	100	100		1.88	0.000	0.079	0.079	0.101	1	09/10/2024	13:04
6	CAL6	0.5	1	100	100		1.90	0.000	0.392	0.392	0.501	0.2	09/10/2024	13:05
7	CAL7	1	1	100	100		1.86	0.000	0.782	0.782	0.999	-0.1	09/10/2024	13:06



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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		1.92	0.000	0.390	0.390	0.499	09/10/2024	13:07
2	ICB		1	100	100		1.78	0.000	0.000	0.000	0.000	09/10/2024	13:08
3	CCV1	0.5	1	100	100		1.95	0.000	0.390	0.390	0.499	09/10/2024	13:09
4	CCB1		1	100	100		1.76	0.000	0.000	0.000	0.000	09/10/2024	13:10
5	RL Check	0.01	1	100	100		1.90	0.000	0.009	0.009	0.012	09/10/2024	13:11
6	LB132340BL		1	100	100		1.80	0.000	0.000	0.000	0.000	09/10/2024	13:12
7	LB132340BS	0.5	1	100	100		1.91	0.000	0.402	0.402	0.514	09/10/2024	13:13
8	P3912-01		1	100	100		2.08	0.007	0.007	0.000	0.000	09/10/2024	13:14
9	P3912-01DU		1	100	100		2.06	0.007	0.007	0.000	0.000	09/10/2024	13:15
10	P3912-01MS	1	2	100	100		2.10	0.007	0.398	0.391	0.500	09/10/2024	13:16
11	P3912-01MS	1	2	100	100		2.10	0.007	0.396	0.389	0.497	09/10/2024	13:17
12	CCV2	0.5	1	100	100		1.93	0.000	0.391	0.391	0.500	09/10/2024	13:18
13	CCB2		1	100	100		1.74	0.000	0.000	0.000	0.000	09/10/2024	13:19