

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB132684

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP109990
Calibration Std. hexchrome 0.05 ppm	WP109989
calibration std. hexchrome 0.01 ppm	WP109987
calibration std. hexchrome 0 ppm	WP109986
hexavalent chromium color reagent	WP109994
0.2N SULFURIC ACID	WP109325
Calibration Std Hexachrome 0.025 ppm	WP109988
Hexavalent Chromium ICV-LCS Std	WP109993
Calibration and CCV std HexChrome 0.5PPM	WP109991
Calibration std HexChrome 1.0PPM	WP109992

Intercept: 0.0003

Slope: 0.7805

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	-0.00		10/01/2024	16:50
2	CAL2	0.01	1	100	100		1.87	0.000	0.009	0.009	0.011	10	10/01/2024	16:51
3	CAL3	0.025	1	100	100		1.86	0.000	0.019	0.019	0.023	-8	10/01/2024	16:52
4	CAL4	0.05	1	100	100		1.89	0.000	0.038	0.038	0.048	-4	10/01/2024	16:53
5	CAL5	0.1	1	100	100		1.89	0.000	0.079	0.079	0.100	0	10/01/2024	16:54
6	CAL6	0.5	1	100	100		1.87	0.000	0.392	0.392	0.501	0.2	10/01/2024	16:55
7	CAL7	1	1	100	100		1.85	0.000	0.780	0.780	0.998	-0.2	10/01/2024	16:56



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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 HNO3	pH H2SO4	Absorb.at540nm		Absorbance Difference	Intermediate Result (mg/L)	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		1.88	0.000	0.390	0.390	0.499	10/01/2024	16:57
2	ICB		1	100	100		1.74	0.000	0.000	0.000	0.000	10/01/2024	16:58
3	CCV1	0.5	1	100	100		1.93	0.000	0.391	0.391	0.501	10/01/2024	16:59
4	CCB1		1	100	100		1.78	0.000	0.000	0.000	0.000	10/01/2024	17:00
5	RL Check	0.01	1	100	100		1.91	0.000	0.010	0.010	0.012	10/01/2024	17:01
6	LB132684BL		1	100	100		1.75	0.001	0.001	0.000	0.000	10/01/2024	17:02
7	LB132684BS	0.5	1	100	100		1.91	0.000	0.402	0.402	0.515	10/01/2024	17:03
8	P4254-05		1	100	100		2.06	0.000	0.000	0.000	0.000	10/01/2024	17:04
9	P4254-05DU		1	100	100		2.04	0.000	0.000	0.000	0.000	10/01/2024	17:05
10	P4254-05MS	1	2	100	100		2.10	0.000	0.387	0.387	0.495	10/01/2024	17:06
11	P4254-05MS	1	2	100	100		2.06	0.000	0.389	0.389	0.498	10/01/2024	17:07
12	P4262-07		1	100	100		2.10	0.001	0.001	0.000	0.000	10/01/2024	17:08
13	CCV2	0.5	1	100	100		1.92	0.000	0.392	0.392	0.502	10/01/2024	17:09
14	CCB2		1	100	100		1.81	0.000	0.000	0.000	0.000	10/01/2024	17:10