

Analytical Summary Report

Analysis Method: SM3500-Cr-B

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB132306

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP109565
Calibration Std. hexchrome 0.05 ppm	WP109564
calibration std. hexchrome 0.01 ppm	WP109562
calibration std. hexchrome 0 ppm	WP109561
hexavalent chromium color reagent	WP109497
0.2N SULFURIC ACID	WP109325
HEX LOD STD, 0.005PPM	WP109569
Calibration Std Hexachrome 0.025 ppm	WP109563
Hexavalent Chromium ICV-LCS Std	WP109568
Calibration and CCV std HexChrome 0.5PPM	WP109566
Calibration std HexChrome 1.0PPM	WP109567

Intercept: 0.0003

Slope: 0.7805

Regression: 0.999993

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		1.76	0.000	0.000	0.000	-0.00		09/06/2024	09:30
2	CAL2	0.01	1	100	100		1.90	0.000	0.010	0.010	0.012	20	09/06/2024	09:31
3	CAL3	0.025	1	100	100		1.85	0.000	0.019	0.019	0.023	-8	09/06/2024	09:32
4	CAL4	0.05	1	100	100		1.88	0.000	0.038	0.038	0.048	-4	09/06/2024	09:33
5	CAL5	0.1	1	100	100		1.85	0.000	0.079	0.079	0.100	0	09/06/2024	09:34
6	CAL6	0.5	1	100	100		1.91	0.000	0.390	0.390	0.499	-0.2	09/06/2024	09:35
7	CAL7	1	1	100	100		1.85	0.000	0.781	0.781	1.000	0	09/06/2024	09:36



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB132306

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		1.94	0.000	0.390	0.390	0.499	09/06/2024	09:37
2	ICB		1	100	100		1.79	0.000	0.000	0.000	0.000	09/06/2024	09:38
3	CCV1	0.5	1	100	100		1.93	0.000	0.392	0.392	0.502	09/06/2024	09:39
4	CCB1		1	100	100		1.76	0.000	0.000	0.000	0.000	09/06/2024	09:40
5	RL Check	0.01	1	100	100		1.89	0.000	0.009	0.009	0.011	09/06/2024	09:41
6	lb132306BL		1	100	100		1.80	0.000	0.000	0.000	0.000	09/06/2024	09:42
7	lb132306BS	0.5	1	100	100		1.91	0.000	0.392	0.392	0.502	09/06/2024	09:43
8	P3390-12		1	100	100		2.02	0.000	0.005	0.005	0.006	09/06/2024	09:44
9	P3853-01		1	100	100		2.06	0.000	0.000	0.000	0.000	09/06/2024	09:45
10	P3853-01DU		1	100	100		2.10	0.000	0.000	0.000	0.000	09/06/2024	09:46
11	P3853-01MS	1	2	100	100		2.06	0.000	0.391	0.391	0.501	09/06/2024	09:47
12	P3853-01MS	1	2	100	100		2.12	0.000	0.393	0.393	0.503	09/06/2024	09:48
13	CCV2	0.5	1	100	100		1.94	0.000	0.390	0.390	0.499	09/06/2024	09:49
14	CCB2		1	100	100		1.74	0.000	0.000	0.000	0.000	09/06/2024	09:50