

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB137233

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP114809
Calibration Std. hexchrome 0.05 ppm	WP114808
calibration std. hexchrome 0.01 ppm	WP114806
calibration std. hexchrome 0 ppm	WP114805
hexavalent chromium color reagent	WP114755
0.2N SULFURIC ACID	WP114341
Calibration Std Hexachrome 0.025 ppm	WP114807
Hexavalent Chromium ICV-LCS Std	WP114812
Calibration and CCV std HexChrome 0.5PPM	WP114810
Calibration std HexChrome 1.0PPM	WP114811

Intercept: 0.001

Slope: 0.7563

Regression: 0.999985

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		1.69	0.000	0.000	0.000	-0.00		09/18/2025	17:15
2	CAL2	0.01	1	100	100		1.81	0.000	0.008	0.008	0.009	-10	09/18/2025	17:15
3	CAL3	0.025	1	100	100		1.77	0.000	0.019	0.019	0.023	-8	09/18/2025	17:16
4	CAL4	0.05	1	100	100		1.80	0.000	0.038	0.038	0.048	-4	09/18/2025	17:16
5	CAL5	0.1	1	100	100		1.88	0.000	0.080	0.080	0.104	4	09/18/2025	17:17
6	CAL6	0.5	1	100	100		1.89	0.000	0.379	0.379	0.499	-0.2	09/18/2025	17:17
7	CAL7	1	1	100	100		1.92	0.000	0.757	0.757	0.999	-0.1	09/18/2025	17:18

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB137233

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		1.90	0.000	0.373	0.373	0.492	09/18/2025	17:18
2	ICB		1	100	100		1.75	0.000	0.000	0.000	-0.001	09/18/2025	17:19
3	CCV1	0.5	1	100	100		1.88	0.000	0.390	0.390	0.514	09/18/2025	17:19
4	CCB1		1	100	100		1.72	0.000	0.000	0.000	-0.001	09/18/2025	17:20
5	RL Check	0.01	1	100	100		1.83	0.000	0.008	0.008	0.009	09/18/2025	17:20
6	LB137233BL		1	100	100		1.83	0.000	0.000	0.000	-0.001	09/18/2025	17:21
7	LB137233BS	0.5	1	100	100		1.90	0.000	0.407	0.407	0.537	09/18/2025	17:21
8	Q3019-02		1	100	100		2.01	0.000	0.614	0.614	0.811	09/18/2025	17:22
9	Q3135-01		1	100	100		1.99	0.000	0.000	0.000	-0.001	09/18/2025	17:22
10	Q3135-01DU		1	100	100		2.03	0.000	0.000	0.000	-0.001	09/18/2025	17:23
11	Q3135-01MS	1	2	100	100		2.01	0.000	0.372	0.372	0.491	09/18/2025	17:23
12	Q3135-01MS	1	2	100	100		2.04	0.000	0.374	0.374	0.493	09/18/2025	17:24
13	CCV2	0.5	1	100	100		2.06	0.000	0.393	0.393	0.518	09/18/2025	17:24
14	CCB2		1	100	100		2.03	0.000	0.000	0.000	-0.001	09/18/2025	17:25