

# Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB137680

pH Meter ID: WC pH Meter-1

| Reagent/Standard                         | Lot/Log # |
|------------------------------------------|-----------|
| Calibration Std. hexchrome 0.1 ppm       | WP115363  |
| Calibration Std. hexchrome 0.05 ppm      | WP115362  |
| calibration std. hexchrome 0.01 ppm      | WP115360  |
| calibration std. hexchrome 0 ppm         | WP115359  |
| hexavalent chromium color reagent        | WP115295  |
| 0.2N SULFURIC ACID                       | WP114341  |
| Calibration Std Hexachrome 0.025 ppm     | WP115361  |
| Hexavalent Chromium ICV-LCS Std          | WP115366  |
| Calibration and CCV std HexChrome 0.5PPM | WP115364  |
| Calibration std HexChrome 1.0PPM         | WP115365  |

Intercept: 0.0002

Slope: 0.7813

Regression: 0.999997

| 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            |         | 1.83     | 0.000           | 0.000 | 0.000                 | -0.00         |      | 10/28/2025 | 17:00     |
| 2   | CAL2   | 0.01              | 1  | 100              | 100            |         | 1.89     | 0.000           | 0.009 | 0.009                 | 0.011         | 10   | 10/28/2025 | 17:00     |
| 3   | CAL3   | 0.025             | 1  | 100              | 100            |         | 1.95     | 0.000           | 0.019 | 0.019                 | 0.024         | -4   | 10/28/2025 | 17:01     |
| 4   | CAL4   | 0.05              | 1  | 100              | 100            |         | 1.92     | 0.000           | 0.039 | 0.039                 | 0.049         | -2   | 10/28/2025 | 17:01     |
| 5   | CAL5   | 0.1               | 1  | 100              | 100            |         | 1.97     | 0.000           | 0.078 | 0.078                 | 0.099         | -1   | 10/28/2025 | 17:02     |
| 6   | CAL6   | 0.5               | 1  | 100              | 100            |         | 1.92     | 0.000           | 0.392 | 0.392                 | 0.501         | 0.2  | 10/28/2025 | 17:02     |
| 7   | CAL7   | 1                 | 1  | 100              | 100            |         | 1.88     | 0.000           | 0.781 | 0.781                 | 0.999         | -0.1 | 10/28/2025 | 17:03     |

## Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB137680

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            |         | 1.98     | 0.000          | 0.390 | 0.390                 | 0.499                      | 10/28/2025 | 17:03     |
| 2   | ICB        |            | 1  | 100                 | 100            |         | 1.94     | 0.000          | 0.000 | 0.000                 | 0.000                      | 10/28/2025 | 17:04     |
| 3   | CCV1       | 0.5        | 1  | 100                 | 100            |         | 2.00     | 0.000          | 0.392 | 0.392                 | 0.501                      | 10/28/2025 | 17:04     |
| 4   | CCB1       |            | 1  | 100                 | 100            |         | 2.03     | 0.000          | 0.000 | 0.000                 | 0.000                      | 10/28/2025 | 17:05     |
| 5   | RL Check   | 0.01       | 1  | 100                 | 100            |         | 1.94     | 0.000          | 0.009 | 0.009                 | 0.011                      | 10/28/2025 | 17:05     |
| 6   | LB137680BL |            | 1  | 100                 | 100            |         | 1.97     | 0.000          | 0.000 | 0.000                 | 0.000                      | 10/28/2025 | 17:06     |
| 7   | LB137680BS | 0.5        | 1  | 100                 | 100            |         | 1.99     | 0.000          | 0.398 | 0.398                 | 0.509                      | 10/28/2025 | 17:06     |
| 8   | Q3477-03   |            | 1  | 100                 | 100            |         | 1.97     | 0.000          | 0.000 | 0.000                 | 0.000                      | 10/28/2025 | 17:07     |
| 9   | Q3477-03DU |            | 1  | 100                 | 100            |         | 1.99     | 0.000          | 0.000 | 0.000                 | 0.000                      | 10/28/2025 | 17:07     |
| 10  | Q3477-03MS | 1          | 2  | 100                 | 100            |         | 1.99     | 0.000          | 0.381 | 0.381                 | 0.487                      | 10/28/2025 | 17:08     |
| 11  | Q3477-03MS | 1          | 2  | 100                 | 100            |         | 2.00     | 0.000          | 0.382 | 0.382                 | 0.489                      | 10/28/2025 | 17:08     |
| 12  | CCV2       | 0.5        | 1  | 100                 | 100            |         | 2.06     | 0.000          | 0.391 | 0.391                 | 0.500                      | 10/28/2025 | 17:09     |
| 13  | CCB2       |            | 1  | 100                 | 100            |         | 1.88     | 0.000          | 0.000 | 0.000                 | 0.000                      | 10/28/2025 | 17:09     |