

# Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB135419

pH Meter ID: WC pH Meter-1

| Reagent/Standard                         | Lot/Log # |
|------------------------------------------|-----------|
| Calibration Std. hexchrome 0.1 ppm       | WP112693  |
| Calibration Std. hexchrome 0.05 ppm      | WP112692  |
| calibration std. hexchrome 0.01 ppm      | WP112690  |
| calibration std. hexchrome 0 ppm         | WP112689  |
| hexavalent chromium color reagent        | WP112638  |
| 5N sulfuric acid                         | WP110380  |
| HNO3 Hex-Chrome, 5M                      | WP110381  |
| Hexchrome Cleaning Solution              | WP111249  |
| Calibration Std Hexachrome 0.025 ppm     | WP112691  |
| Hexavalent Chromium ICV-LCS Std          | WP112696  |
| Calibration and CCV std HexChrome 0.5PPM | WP112694  |
| Calibration std HexChrome 1.0PPM         | WP112695  |

Intercept: -0.0006

Slope: 0.7772

Regression: 0.999866

| 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            |         | 1.85     | 0.000           | 0.000 | 0.000                 | 0.000         |      | 04/14/2025 | 16:10     |
| 2   | CAL2   | 0.01              | 1  | 100              | 100            |         | 1.89     | 0.000           | 0.006 | 0.006                 | 0.008         | -20  | 04/14/2025 | 16:11     |
| 3   | CAL3   | 0.025             | 1  | 100              | 100            |         | 1.97     | 0.000           | 0.019 | 0.019                 | 0.025         | 0    | 04/14/2025 | 16:12     |
| 4   | CAL4   | 0.05              | 1  | 100              | 100            |         | 1.92     | 0.000           | 0.040 | 0.040                 | 0.052         | 4    | 04/14/2025 | 16:13     |
| 5   | CAL5   | 0.1               | 1  | 100              | 100            |         | 1.90     | 0.000           | 0.081 | 0.081                 | 0.104         | 4    | 04/14/2025 | 16:14     |
| 6   | CAL6   | 0.5               | 1  | 100              | 100            |         | 1.86     | 0.000           | 0.378 | 0.378                 | 0.487         | -2.6 | 04/14/2025 | 16:15     |
| 7   | CAL7   | 1                 | 1  | 100              | 100            |         | 1.99     | 0.000           | 0.781 | 0.781                 | 1.005         | 0.5  | 04/14/2025 | 16:16     |

## Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB135419

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            |         | 1.91     | 0.000          | 0.392 | 0.392                 | 0.505                      | 04/14/2025 | 16:17     |
| 2   | ICB        |            | 1  | 100                 | 100            |         | 1.72     | 0.000          | 0.000 | 0.000                 | 0.001                      | 04/14/2025 | 16:18     |
| 3   | CCV1       | 0.5        | 1  | 100                 | 100            |         | 1.94     | 0.000          | 0.390 | 0.390                 | 0.503                      | 04/14/2025 | 16:19     |
| 4   | CCB1       |            | 1  | 100                 | 100            |         | 1.87     | 0.000          | 0.000 | 0.000                 | 0.001                      | 04/14/2025 | 16:20     |
| 5   | RL Check   | 0.01       | 1  | 100                 | 100            |         | 1.92     | 0.000          | 0.008 | 0.008                 | 0.011                      | 04/14/2025 | 16:21     |
| 6   | LB135419BL |            | 1  | 100                 | 100            |         | 1.82     | 0.000          | 0.000 | 0.000                 | 0.001                      | 04/14/2025 | 16:22     |
| 7   | LB135419BS | 0.5        | 1  | 100                 | 100            |         | 1.88     | 0.000          | 0.394 | 0.394                 | 0.508                      | 04/14/2025 | 16:23     |
| 8   | Q1810-02   |            | 1  | 100                 | 100            |         | 1.94     | 0.000          | 0.000 | 0.000                 | 0.001                      | 04/14/2025 | 16:24     |
| 9   | Q1810-02DU |            | 1  | 100                 | 100            |         | 1.90     | 0.000          | 0.000 | 0.000                 | 0.001                      | 04/14/2025 | 16:25     |
| 10  | Q1810-02MS | 1          | 2  | 100                 | 100            |         | 1.96     | 0.000          | 0.370 | 0.370                 | 0.477                      | 04/14/2025 | 16:26     |
| 11  | Q1810-02MS | 1          | 2  | 100                 | 100            |         | 1.90     | 0.000          | 0.371 | 0.371                 | 0.478                      | 04/14/2025 | 16:27     |
| 12  | CCV2       | 0.5        | 1  | 100                 | 100            |         | 1.88     | 0.000          | 0.392 | 0.392                 | 0.505                      | 04/14/2025 | 16:28     |
| 13  | CCB2       |            | 1  | 100                 | 100            |         | 1.78     | 0.000          | 0.001 | 0.001                 | 0.002                      | 04/14/2025 | 16:29     |