

# Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB134432

pH Meter ID: WC pH Meter-1

| Reagent/Standard                         | Lot/Log # |
|------------------------------------------|-----------|
| Calibration Std. hexchrome 0.1 ppm       | WP111653  |
| Calibration Std. hexchrome 0.05 ppm      | WP111652  |
| calibration std. hexchrome 0.01 ppm      | WP111650  |
| calibration std. hexchrome 0 ppm         | WP111649  |
| hexavalent chromium color reagent        | WP111659  |
| 5N sulfuric acid                         | WP110380  |
| HEX LOD STD, 0.005PPM                    | WP111657  |
| Hex LOQ Std, 0.01PPM                     | WP111658  |
| Calibration Std Hexachrome 0.025 ppm     | WP111651  |
| Hexavalent Chromium ICV-LCS Std          | WP111656  |
| Calibration and CCV std HexChrome 0.5PPM | WP111654  |
| Calibration std HexChrome 1.0PPM         | WP111655  |

Intercept: -0.0001

Slope: 0.7839

Regression: 0.999996

| 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            |         | 1.81     | 0.000           | 0.000 | 0.000                 | 0.000         |      | 01/27/2025 | 15:45     |
| 2   | CAL2   | 0.01              | 1  | 100              | 100            |         | 1.87     | 0.000           | 0.007 | 0.007                 | 0.009         | -10  | 01/27/2025 | 15:46     |
| 3   | CAL3   | 0.025             | 1  | 100              | 100            |         | 1.88     | 0.000           | 0.019 | 0.019                 | 0.024         | -4   | 01/27/2025 | 15:47     |
| 4   | CAL4   | 0.05              | 1  | 100              | 100            |         | 1.88     | 0.000           | 0.039 | 0.039                 | 0.049         | -2   | 01/27/2025 | 15:48     |
| 5   | CAL5   | 0.1               | 1  | 100              | 100            |         | 1.85     | 0.000           | 0.080 | 0.080                 | 0.102         | 2    | 01/27/2025 | 15:49     |
| 6   | CAL6   | 0.5               | 1  | 100              | 100            |         | 1.87     | 0.000           | 0.391 | 0.391                 | 0.498         | -0.4 | 01/27/2025 | 15:50     |
| 7   | CAL7   | 1                 | 1  | 100              | 100            |         | 1.90     | 0.000           | 0.784 | 0.784                 | 1.000         | 0    | 01/27/2025 | 15:51     |

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ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB134432

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            |         | 1.92     | 0.000          | 0.394 | 0.394                 | 0.503                      | 01/27/2025 | 15:52     |
| 2   | ICB        |            | 1  | 100                 | 100            |         | 1.78     | 0.000          | 0.001 | 0.001                 | 0.001                      | 01/27/2025 | 15:53     |
| 3   | CCV1       | 0.5        | 1  | 100                 | 100            |         | 1.95     | 0.000          | 0.390 | 0.390                 | 0.498                      | 01/27/2025 | 15:54     |
| 4   | CCB1       |            | 1  | 100                 | 100            |         | 1.79     | 0.000          | 0.000 | 0.000                 | 0.000                      | 01/27/2025 | 15:55     |
| 5   | RL Check   | 0.01       | 1  | 100                 | 100            |         | 1.91     | 0.000          | 0.008 | 0.008                 | 0.010                      | 01/27/2025 | 15:56     |
| 6   | LB134432BL |            | 1  | 100                 | 100            |         | 1.75     | 0.000          | 0.001 | 0.001                 | 0.001                      | 01/27/2025 | 15:57     |
| 7   | LB134432BS | 0.5        | 1  | 100                 | 100            |         | 1.92     | 0.000          | 0.390 | 0.390                 | 0.498                      | 01/27/2025 | 15:58     |
| 8   | Q1168-07   |            | 1  | 100                 | 100            |         | 2.04     | 0.000          | 0.004 | 0.004                 | 0.005                      | 01/27/2025 | 15:59     |
| 9   | Q1168-08   |            | 1  | 100                 | 100            |         | 2.03     | 0.000          | 0.007 | 0.007                 | 0.009                      | 01/27/2025 | 16:00     |
| 10  | Q1194-08   |            | 1  | 100                 | 100            |         | 2.10     | 0.000          | 0.000 | 0.000                 | 0.000                      | 01/27/2025 | 16:01     |
| 11  | CCV2       | 0.5        | 1  | 100                 | 100            |         | 1.93     | 0.000          | 0.392 | 0.392                 | 0.500                      | 01/27/2025 | 16:02     |
| 12  | CCB2       |            | 1  | 100                 | 100            |         | 1.78     | 0.000          | 0.000 | 0.000                 | 0.000                      | 01/27/2025 | 16:03     |

# WORKLIST(Hardcopy Internal Chain)

6134432

WorkList Name : hex-1-27      WorkList ID : 187165      Department : Wet-Chemistry      Date : 01-27-2025 08:21:47

| Sample   | Customer Sample          | Matrix | Test                | Preservative            | Customer | Raw Sample Storage Location | Collect Date | Method |
|----------|--------------------------|--------|---------------------|-------------------------|----------|-----------------------------|--------------|--------|
| Q1168-07 | LOD-MDL-WATER-01-QT1-202 | Water  | Hexavalent Chromium | Cool 4 deg C            | CHEM02   | QA Of                       | 01/23/2025   | 7196A  |
| Q1168-08 | LOQ-WATER-02-QT1-2025    | Water  | Hexavalent Chromium | Cool 4 deg C            | CHEM02   | QA Of                       | 01/23/2025   | 7196A  |
| Q1194-08 | EB                       | Water  | Hexavalent Chromium | Ammonium sulfate buffer | PORT06   | N41                         | 01/25/2025   | 7196A  |

Date/Time 01/27/2025 14:10  
 Raw Sample Received by: RM CWC  
 Raw Sample Relinquished by: RM CWC

Date/Time 01/27/2025 15:30  
 Raw Sample Received by: RM CWC  
 Raw Sample Relinquished by: RM CWC