

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB137578

pH Meter ID: WC pH Meter-1

| Reagent/Standard                         | Lot/Log # |
|------------------------------------------|-----------|
| Calibration Std. hexchrome 0.1 ppm       | WP115249  |
| Calibration Std. hexchrome 0.05 ppm      | WP115248  |
| calibration std. hexchrome 0.01 ppm      | WP115246  |
| calibration std. hexchrome 0 ppm         | WP115245  |
| hexavalent chromium color reagent        | WP115235  |
| 5N sulfuric acid                         | WP112831  |
| Calibration Std Hexachrome 0.025 ppm     | WP115247  |
| Hexavalent Chromium ICV-LCS Std          | WP115252  |
| Calibration and CCV std HexChrome 0.5PPM | WP115250  |
| Calibration std HexChrome 1.0PPM         | WP115251  |

Intercept: 0.0002

Slope: 0.7816

Regression: 0.999989

| 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            |         | 2.04     | 0.000           | 0.000 | 0.000                 | -0.00         |      | 10/17/2025 | 12:40     |
| 2   | CAL2   | 0.01              | 1  | 100              | 100            |         | 2.06     | 0.000           | 0.007 | 0.007                 | 0.008         | -20  | 10/17/2025 | 12:40     |
| 3   | CAL3   | 0.025             | 1  | 100              | 100            |         | 2.01     | 0.000           | 0.019 | 0.019                 | 0.024         | -4   | 10/17/2025 | 12:41     |
| 4   | CAL4   | 0.05              | 1  | 100              | 100            |         | 2.06     | 0.000           | 0.038 | 0.038                 | 0.048         | -4   | 10/17/2025 | 12:41     |
| 5   | CAL5   | 0.1               | 1  | 100              | 100            |         | 2.10     | 0.000           | 0.081 | 0.081                 | 0.103         | 3    | 10/17/2025 | 12:42     |
| 6   | CAL6   | 0.5               | 1  | 100              | 100            |         | 2.04     | 0.000           | 0.392 | 0.392                 | 0.501         | 0.2  | 10/17/2025 | 12:42     |
| 7   | CAL7   | 1                 | 1  | 100              | 100            |         | 2.07     | 0.000           | 0.781 | 0.781                 | 0.998         | -0.2 | 10/17/2025 | 12:43     |

## Analytical Summary Report

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ANALYST:rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY:Iwona

Run Number: LB137578

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            |         | 2.01     | 0.000          | 0.394 | 0.394                 | 0.504                      | 10/17/2025 | 12:43     |
| 2   | ICB        |            | 1  | 100                 | 100            |         | 1.97     | 0.000          | 0.001 | 0.001                 | 0.001                      | 10/17/2025 | 12:44     |
| 3   | CCV1       | 0.5        | 1  | 100                 | 100            |         | 1.94     | 0.000          | 0.390 | 0.390                 | 0.499                      | 10/17/2025 | 12:44     |
| 4   | CCB1       |            | 1  | 100                 | 100            |         | 2.00     | 0.000          | 0.001 | 0.001                 | 0.001                      | 10/17/2025 | 12:45     |
| 5   | RL Check   | 0.01       | 1  | 100                 | 100            |         | 2.06     | 0.000          | 0.008 | 0.008                 | 0.010                      | 10/17/2025 | 12:45     |
| 6   | lb137578BL |            | 1  | 100                 | 100            |         | 1.94     | 0.000          | 0.001 | 0.001                 | 0.001                      | 10/17/2025 | 12:46     |
| 7   | lb137578BS | 0.5        | 1  | 100                 | 100            |         | 2.08     | 0.000          | 0.399 | 0.399                 | 0.510                      | 10/17/2025 | 12:46     |
| 8   | Q3376-07   |            | 1  | 100                 | 100            |         | 2.00     | 0.000          | 0.000 | 0.000                 | 0.000                      | 10/17/2025 | 12:47     |
| 9   | CCV2       | 0.5        | 1  | 100                 | 100            |         | 1.97     | 0.000          | 0.392 | 0.392                 | 0.501                      | 10/17/2025 | 12:47     |
| 10  | CCB2       |            | 1  | 100                 | 100            |         | 1.90     | 0.000          | 0.000 | 0.000                 | 0.000                      | 10/17/2025 | 12:48     |

# WORKLIST(Hardcopy Internal Chain)

6137578

WorkList Name : hex-10-16

WorkList ID : 192534

Department : Wet-Chemistry

Date : 10-16-2025 17:52:40

| Sample   | Customer Sample     | Matrix | Test                | Preservative            | Customer | Raw Sample Storage Location | Collect Date | Method |
|----------|---------------------|--------|---------------------|-------------------------|----------|-----------------------------|--------------|--------|
| Q3376-07 | PR132-FB01-20251016 | Water  | Hexavalent Chromium | Ammonium sulfate buffer | AECO02   | D31                         | 10/16/2025   | 7196A  |

Date/Time 10/16/2025 18:25  
 Raw Sample Received by: RM wcc  
 Raw Sample Relinquished by: JG(wcc)

Date/Time 10/17/2025 17:00  
 Raw Sample Received by: JG(wcc)  
 Raw Sample Relinquished by: RM(wcc)