

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB134549

pH Meter ID: WC pH Meter-1

| Reagent/Standard                         | Lot/Log # |
|------------------------------------------|-----------|
| Calibration Std. hexchrome 0.1 ppm       | WP111772  |
| Calibration Std. hexchrome 0.05 ppm      | WP111771  |
| calibration std. hexchrome 0.01 ppm      | WP111769  |
| calibration std. hexchrome 0 ppm         | WP111768  |
| hexavalent chromium color reagent        | WP111767  |
| 5N sulfuric acid                         | WP110380  |
| Calibration Std Hexachrome 0.025 ppm     | WP111770  |
| Hexavalent Chromium ICV-LCS Std          | WP111775  |
| Calibration and CCV std HexChrome 0.5PPM | WP111773  |
| Calibration std HexChrome 1.0PPM         | WP111774  |

Intercept: 0.0003

Slope: 0.7834

Regression: 0.999991

| 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                 | -0.00         |      | 02/04/2025 | 12:40     |
| 2   | CAL2   | 0.01              | 1  | 100              | 100            |         | 1.88     | 0.000           | 0.007 | 0.007                 | 0.008         | -20  | 02/04/2025 | 12:41     |
| 3   | CAL3   | 0.025             | 1  | 100              | 100            |         | 1.85     | 0.000           | 0.019 | 0.019                 | 0.023         | -8   | 02/04/2025 | 12:42     |
| 4   | CAL4   | 0.05              | 1  | 100              | 100            |         | 1.87     | 0.000           | 0.039 | 0.039                 | 0.049         | -2   | 02/04/2025 | 12:43     |
| 5   | CAL5   | 0.1               | 1  | 100              | 100            |         | 1.87     | 0.000           | 0.081 | 0.081                 | 0.103         | 3    | 02/04/2025 | 12:44     |
| 6   | CAL6   | 0.5               | 1  | 100              | 100            |         | 1.89     | 0.000           | 0.393 | 0.393                 | 0.501         | 0.2  | 02/04/2025 | 12:45     |
| 7   | CAL7   | 1                 | 1  | 100              | 100            |         | 1.88     | 0.000           | 0.783 | 0.783                 | 0.999         | -0.1 | 02/04/2025 | 12:46     |

## Analytical Summary Report

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ANALYST:rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY:Iwona

Run Number: LB134549

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          | 0.392 | 0.392                 | 0.500                      | 02/04/2025 | 12:47     |
| 2   | ICB        |            | 1  | 100                 | 100            |         | 1.78     | 0.000          | 0.001 | 0.001                 | 0.001                      | 02/04/2025 | 12:48     |
| 3   | CCV1       | 0.5        | 1  | 100                 | 100            |         | 1.92     | 0.000          | 0.390 | 0.390                 | 0.497                      | 02/04/2025 | 12:49     |
| 4   | CCB1       |            | 1  | 100                 | 100            |         | 1.76     | 0.000          | 0.000 | 0.000                 | 0.000                      | 02/04/2025 | 12:50     |
| 5   | RL Check   | 0.01       | 1  | 100                 | 100            |         | 1.90     | 0.000          | 0.008 | 0.008                 | 0.010                      | 02/04/2025 | 12:51     |
| 6   | lb134549BL |            | 1  | 100                 | 100            |         | 1.78     | 0.000          | 0.001 | 0.001                 | 0.001                      | 02/04/2025 | 12:52     |
| 7   | lb134549BS | 0.5        | 1  | 100                 | 100            |         | 1.91     | 0.000          | 0.396 | 0.396                 | 0.505                      | 02/04/2025 | 12:53     |
| 8   | Q1282-01   |            | 1  | 100                 | 100            |         | 2.05     | 0.000          | 0.000 | 0.000                 | 0.000                      | 02/04/2025 | 12:54     |
| 9   | CCV2       | 0.5        | 1  | 100                 | 100            |         | 1.95     | 0.000          | 0.394 | 0.394                 | 0.503                      | 02/04/2025 | 12:55     |
| 10  | CCB2       |            | 1  | 100                 | 100            |         | 1.81     | 0.000          | 0.000 | 0.000                 | 0.000                      | 02/04/2025 | 12:56     |

# WORKLIST(Hardcopy Internal Chain)

6134549

WorkList Name : hex-2-3

WorkList ID : 187443

Department : Wet-Chemistry

Date : 02-03-2025 16:43:03

| Sample   | Customer Sample | Matrix | Test                | Preservative            | Customer | Raw Sample Storage Location | Collect Date | Method |
|----------|-----------------|--------|---------------------|-------------------------|----------|-----------------------------|--------------|--------|
| Q1282-01 | SW-WTS-02       | Water  | Hexavalent Chromium | Ammonium sulfate buffer | ENTA05   | D11                         | 01/31/2025   | 7196A  |

Date/Time 02/03/2025 16.50  
 Raw Sample Received by: RM (w.c.)  
 Raw Sample Relinquished by: JB (w.c.)

Date/Time 02/04/2025 12.30  
 Raw Sample Received by: JB (w.c.)  
 Raw Sample Relinquished by: JB (w.c.)