

## Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB136245

pH Meter ID: WC pH Meter-1

| Reagent/Standard                  | Lot/Log # |
|-----------------------------------|-----------|
| hexavalent chromium color reagent | WP113606  |
| 5N sulfuric acid                  | WP112831  |
| HNO3 Hex-Chrome, 5M               | WP112830  |
| Hexchrome Cleaning Solution       | WP113087  |

Intercept: 0.0011

Slope: 0.7629

Regression: 0.99997

| Seq | Lab ID | True Value (mg/l) | DF | Initial Vol (ml) | Final Vol (ml) | pH HNO3 | pH H2SO4 | Absorb.at 540nm |       | Absorbance Difference | Result (mg/L) | %D   | Anal Date  | Anal Time |
|-----|--------|-------------------|----|------------------|----------------|---------|----------|-----------------|-------|-----------------------|---------------|------|------------|-----------|
|     |        |                   |    |                  |                |         |          | Backgrnd        | Color |                       |               |      |            |           |
| 1   | CAL1   | 0                 | 1  | 100              | 100            | 7.29    | 1.94     | 0.000           | 0.000 | 0.000                 | -0.00         |      | 06/24/2025 | 12:30     |
| 2   | CAL2   | 0.01              | 1  | 100              | 100            | 7.36    | 1.86     | 0.000           | 0.009 | 0.009                 | 0.010         | 0    | 06/24/2025 | 12:31     |
| 3   | CAL3   | 0.025             | 1  | 100              | 100            | 7.39    | 1.90     | 0.000           | 0.021 | 0.021                 | 0.026         | 4    | 06/24/2025 | 12:32     |
| 4   | CAL4   | 0.05              | 1  | 100              | 100            | 7.42    | 1.88     | 0.000           | 0.040 | 0.040                 | 0.050         | 0    | 06/24/2025 | 12:33     |
| 5   | CAL5   | 0.1               | 1  | 100              | 100            | 7.36    | 1.99     | 0.000           | 0.079 | 0.079                 | 0.102         | 2    | 06/24/2025 | 12:34     |
| 6   | CAL6   | 0.5               | 1  | 100              | 100            | 7.37    | 1.90     | 0.000           | 0.378 | 0.378                 | 0.494         | -1.2 | 06/24/2025 | 12:35     |
| 7   | CAL7   | 1                 | 1  | 100              | 100            | 7.40    | 1.95     | 0.000           | 0.766 | 0.766                 | 1.002         | 0.2  | 06/24/2025 | 12:36     |

# Analytical Summary Report

Analysis Method: 7196A

ANALYST:rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY:Iwona

Run Number: LB136245

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            | 7.44    | 1.95     | 0.000          | 0.379 | 0.379                 | 0.495                      | 06/24/2025 | 12:37     |
| 2   | ICB        |            | 1  | 100                 | 100            | 7.34    | 1.88     | 0.000          | 0.000 | 0.000                 | -0.001                     | 06/24/2025 | 12:38     |
| 3   | CCV1       | 0.5        | 1  | 100                 | 100            | 7.42    | 1.92     | 0.000          | 0.378 | 0.378                 | 0.494                      | 06/24/2025 | 12:39     |
| 4   | CCB1       |            | 1  | 100                 | 100            | 7.40    | 1.77     | 0.000          | 0.001 | 0.001                 | 0.000                      | 06/24/2025 | 12:40     |
| 5   | RL Check   | 0.01       | 1  | 100                 | 100            | 7.46    | 1.99     | 0.000          | 0.010 | 0.010                 | 0.012                      | 06/24/2025 | 12:41     |
| 6   | PB168573BL |            | 1  | 2.50                | 100            | 7.30    | 1.83     | 0.000          | 0.001 | 0.001                 | 0.000                      | 06/24/2025 | 12:42     |
| 7   | PB168573BS | 20         | 1  | 2.50                | 100            | 7.42    | 1.85     | 0.000          | 0.382 | 0.382                 | 0.499                      | 06/24/2025 | 12:43     |
| 8   | Q2384-01   |            | 1  | 2.57                | 100            | 7.40    | 1.90     | 0.002          | 0.002 | 0.000                 | -0.001                     | 06/24/2025 | 12:44     |
| 9   | Q2386-01   |            | 1  | 2.51                | 100            | 7.36    | 2.06     | 0.035          | 0.036 | 0.001                 | 0.000                      | 06/24/2025 | 12:45     |
| 10  | Q2388-01   |            | 1  | 2.54                | 100            | 7.60    | 2.16     | 0.000          | 0.000 | 0.000                 | -0.001                     | 06/24/2025 | 12:46     |
| 11  | Q2389-01   |            | 1  | 2.53                | 100            | 7.36    | 2.04     | 0.000          | 0.000 | 0.000                 | -0.001                     | 06/24/2025 | 12:47     |
| 12  | Q2389-01DU |            | 1  | 2.53                | 100            | 7.39    | 2.05     | 0.000          | 0.000 | 0.000                 | -0.001                     | 06/24/2025 | 12:48     |
| 13  | Q2389-01MS | 40         | 2  | 2.53                | 100            | 7.39    | 2.02     | 0.000          | 0.299 | 0.299                 | 0.390                      | 06/24/2025 | 12:49     |
| 14  | Q2389-01MS | 1284       | 40 | 2.54                | 100            | 7.43    | 2.04     | 0.000          | 0.598 | 0.598                 | 0.782                      | 06/24/2025 | 12:50     |
| 15  | Q2389-01MS | 40         | 2  | 2.54                | 100            | 7.36    | 2.14     | 0.000          | 0.364 | 0.364                 | 0.476                      | 06/24/2025 | 12:51     |
| 16  | CCV2       | 0.5        | 1  | 100                 | 100            | 7.38    | 1.90     | 0.000          | 0.380 | 0.380                 | 0.497                      | 06/24/2025 | 12:52     |
| 17  | CCB2       |            | 1  | 100                 | 100            | 7.22    | 1.72     | 0.000          | 0.001 | 0.001                 | 0.000                      | 06/24/2025 | 12:53     |
| 18  | Q2394-01   |            | 1  | 2.51                | 100            | 7.67    | 2.14     | 0.000          | 0.001 | 0.001                 | 0.000                      | 06/24/2025 | 12:54     |
| 19  | Q2399-01   |            | 1  | 2.57                | 100            | 7.33    | 2.28     | 0.003          | 0.010 | 0.007                 | 0.008                      | 06/24/2025 | 12:55     |
| 20  | Q2399-05   |            | 1  | 2.52                | 100            | 7.59    | 2.06     | 0.001          | 0.002 | 0.001                 | 0.000                      | 06/24/2025 | 12:56     |
| 21  | Q2400-01   |            | 1  | 2.54                | 100            | 7.52    | 2.11     | 0.020          | 0.021 | 0.001                 | 0.000                      | 06/24/2025 | 12:57     |
| 22  | Q2400-02   |            | 1  | 2.54                | 100            | 7.40    | 2.19     | 0.004          | 0.005 | 0.001                 | 0.000                      | 06/24/2025 | 12:58     |
| 23  | CCV3       | 0.5        | 1  | 100                 | 100            | 7.49    | 1.89     | 0.000          | 0.379 | 0.379                 | 0.495                      | 06/24/2025 | 12:59     |
| 24  | CCB3       |            | 1  | 100                 | 100            | 7.39    | 1.91     | 0.000          | 0.001 | 0.001                 | 0.000                      | 06/24/2025 | 13:00     |