

# Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB137657

pH Meter ID: WC pH Meter-1

| Reagent/Standard                  | Lot/Log # |
|-----------------------------------|-----------|
| hexavalent chromium color reagent | WP115295  |
| 5N sulfuric acid                  | WP115340  |
| HNO3 Hex-Chrome, 5M               | WP115339  |
| Hexchrome Cleaning Solution       | WP114310  |

Intercept: 0.0009

Slope: 0.7632

Regression: 0.999943

| 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            | 7.42    | 1.88     | 0.000           | 0.000 | 0.000                 | -0.00         |      | 10/27/2025 | 12:20     |
| 2   | CAL2   | 0.01              | 1  | 100              | 100            | 7.48    | 2.06     | 0.000           | 0.009 | 0.009                 | 0.010         | 0    | 10/27/2025 | 12:20     |
| 3   | CAL3   | 0.025             | 1  | 100              | 100            | 7.51    | 1.95     | 0.000           | 0.021 | 0.021                 | 0.026         | 4    | 10/27/2025 | 12:21     |
| 4   | CAL4   | 0.05              | 1  | 100              | 100            | 7.44    | 1.92     | 0.000           | 0.040 | 0.040                 | 0.051         | 2    | 10/27/2025 | 12:21     |
| 5   | CAL5   | 0.1               | 1  | 100              | 100            | 7.54    | 2.04     | 0.000           | 0.079 | 0.079                 | 0.102         | 2    | 10/27/2025 | 12:22     |
| 6   | CAL6   | 0.5               | 1  | 100              | 100            | 7.55    | 1.99     | 0.000           | 0.376 | 0.376                 | 0.491         | -1.8 | 10/27/2025 | 12:22     |
| 7   | CAL7   | 1                 | 1  | 100              | 100            | 7.45    | 2.00     | 0.000           | 0.767 | 0.767                 | 1.003         | 0.3  | 10/27/2025 | 12:23     |

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Run Number: LB137657

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            | 7.39    | 2.04     | 0.000          | 0.380 | 0.380                 | 0.497                      | 10/27/2025 | 12:23     |
| 2   | ICB        |            | 1  | 100                 | 100            | 7.35    | 1.80     | 0.000          | 0.001 | 0.001                 | 0.000                      | 10/27/2025 | 12:24     |
| 3   | CCV1       | 0.5        | 1  | 100                 | 100            | 7.44    | 1.87     | 0.000          | 0.378 | 0.378                 | 0.494                      | 10/27/2025 | 12:24     |
| 4   | CCB1       |            | 1  | 100                 | 100            | 7.42    | 1.95     | 0.000          | 0.000 | 0.000                 | -0.001                     | 10/27/2025 | 12:25     |
| 5   | RL Check   | 0.01       | 1  | 100                 | 100            | 7.44    | 1.98     | 0.000          | 0.010 | 0.010                 | 0.012                      | 10/27/2025 | 12:25     |
| 6   | PB170253BL |            | 1  | 2.50                | 100            | 7.47    | 2.02     | 0.000          | 0.000 | 0.000                 | -0.001                     | 10/27/2025 | 12:26     |
| 7   | PB170253BS | 20         | 1  | 2.50                | 100            | 7.52    | 1.90     | 0.000          | 0.378 | 0.378                 | 0.494                      | 10/27/2025 | 12:26     |
| 8   | Q3419-01   |            | 1  | 2.56                | 100            | 7.42    | 2.10     | 0.000          | 0.001 | 0.001                 | 0.000                      | 10/27/2025 | 12:27     |
| 9   | Q3419-01DU |            | 1  | 2.57                | 100            | 7.46    | 2.14     | 0.000          | 0.001 | 0.001                 | 0.000                      | 10/27/2025 | 12:27     |
| 10  | Q3419-01MS | 40         | 2  | 2.57                | 100            | 7.40    | 2.11     | 0.000          | 0.319 | 0.319                 | 0.417                      | 10/27/2025 | 12:28     |
| 11  | Q3419-01MS | 1284       | 40 | 2.55                | 100            | 7.45    | 2.07     | 0.000          | 0.609 | 0.609                 | 0.797                      | 10/27/2025 | 12:28     |
| 12  | Q3419-01MS | 40         | 2  | 2.56                | 100            | 7.44    | 2.15     | 0.000          | 0.370 | 0.370                 | 0.484                      | 10/27/2025 | 12:29     |
| 13  | Q3419-04   |            | 1  | 2.57                | 100            | 7.52    | 2.02     | 0.008          | 0.009 | 0.001                 | 0.000                      | 10/27/2025 | 12:29     |
| 14  | Q3419-05   |            | 1  | 2.55                | 100            | 7.36    | 2.18     | 0.010          | 0.010 | 0.000                 | -0.001                     | 10/27/2025 | 12:30     |
| 15  | Q3439-01   |            | 1  | 2.52                | 100            | 7.52    | 1.94     | 0.000          | 0.000 | 0.000                 | -0.001                     | 10/27/2025 | 12:30     |
| 16  | CCV2       | 0.5        | 1  | 100                 | 100            | 7.53    | 2.07     | 0.000          | 0.374 | 0.374                 | 0.489                      | 10/27/2025 | 12:31     |
| 17  | CCB2       |            | 1  | 100                 | 100            | 7.50    | 1.79     | 0.000          | 0.000 | 0.000                 | -0.001                     | 10/27/2025 | 12:31     |
| 18  | Q3439-05   |            | 1  | 2.53                | 100            | 7.39    | 2.10     | 0.000          | 0.001 | 0.001                 | 0.000                      | 10/27/2025 | 12:32     |
| 19  | Q3440-01   |            | 1  | 2.55                | 100            | 7.31    | 2.14     | 0.007          | 0.010 | 0.003                 | 0.003                      | 10/27/2025 | 12:32     |
| 20  | Q3445-01   |            | 1  | 2.57                | 100            | 7.36    | 1.88     | 0.011          | 0.014 | 0.003                 | 0.003                      | 10/27/2025 | 12:33     |
| 21  | Q3449-01   |            | 1  | 2.54                | 100            | 7.40    | 1.94     | 0.037          | 0.038 | 0.001                 | 0.000                      | 10/27/2025 | 12:33     |
| 22  | Q3451-01   |            | 1  | 2.56                | 100            | 7.54    | 2.27     | 0.002          | 0.002 | 0.000                 | -0.001                     | 10/27/2025 | 12:34     |
| 23  | Q3451-05   |            | 1  | 2.51                | 100            | 7.52    | 2.06     | 0.000          | 0.001 | 0.001                 | 0.000                      | 10/27/2025 | 12:34     |
| 24  | Q3452-01   |            | 1  | 2.55                | 100            | 7.59    | 1.88     | 0.032          | 0.032 | 0.000                 | -0.001                     | 10/27/2025 | 12:35     |
| 25  | Q3457-01   |            | 1  | 2.53                | 100            | 7.64    | 2.00     | 0.010          | 0.010 | 0.000                 | -0.001                     | 10/27/2025 | 12:35     |
| 26  | Q3460-01   |            | 1  | 2.55                | 100            | 7.60    | 2.09     | 0.003          | 0.004 | 0.001                 | 0.000                      | 10/27/2025 | 12:36     |
| 27  | Q3460-05   |            | 1  | 2.52                | 100            | 7.54    | 1.90     | 0.000          | 0.001 | 0.001                 | 0.000                      | 10/27/2025 | 12:36     |
| 28  | CCV3       | 0.5        | 1  | 100                 | 100            | 7.49    | 1.92     | 0.000          | 0.377 | 0.377                 | 0.493                      | 10/27/2025 | 12:37     |
| 29  | CCB3       |            | 1  | 100                 | 100            | 7.31    | 1.94     | 0.000          | 0.000 | 0.000                 | -0.001                     | 10/27/2025 | 12:37     |
| 30  | Q3460-09   |            | 1  | 2.58                | 100            | 7.60    | 1.93     | 0.000          | 0.000 | 0.000                 | -0.001                     | 10/27/2025 | 12:38     |
| 31  | Q3460-13   |            | 1  | 2.56                | 100            | 7.57    | 1.99     | 0.000          | 0.001 | 0.001                 | 0.000                      | 10/27/2025 | 12:38     |
| 32  | Q3460-17   |            | 1  | 2.55                | 100            | 7.55    | 1.89     | 0.000          | 0.001 | 0.001                 | 0.000                      | 10/27/2025 | 12:39     |
| 33  | Q3466-02   |            | 1  | 2.54                | 100            | 7.51    | 2.19     | 0.011          | 0.014 | 0.003                 | 0.003                      | 10/27/2025 | 12:39     |
| 34  | Q3466-05   |            | 1  | 2.53                | 100            | 7.36    | 2.22     | 0.008          | 0.012 | 0.004                 | 0.004                      | 10/27/2025 | 12:40     |
| 35  | Q3466-07   |            | 1  | 2.54                | 100            | 7.42    | 1.77     | 0.000          | 0.000 | 0.000                 | -0.001                     | 10/27/2025 | 12:40     |
| 36  | CCV4       | 0.5        | 1  | 100                 | 100            | 7.40    | 2.07     | 0.000          | 0.374 | 0.374                 | 0.489                      | 10/27/2025 | 12:41     |
| 37  | CCB4       |            | 1  | 100                 | 100            | 7.49    | 2.01     | 0.000          | 0.001 | 0.001                 | 0.000                      | 10/27/2025 | 12:41     |