

# Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB138096

pH Meter ID: WC pH Meter-1

| Reagent/Standard                  | Lot/Log # |
|-----------------------------------|-----------|
| hexavalent chromium color reagent | WP115855  |
| 5N sulfuric acid                  | WP115340  |
| HNO3 Hex-Chrome, 5M               | WP115339  |
| Hexchrome Cleaning Solution       | WP115854  |

Intercept: 0.0001

Slope: 0.7653

Regression: 0.999922

| 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            | 7.19    | 2.01     | 0.000           | 0.000 | 0.000                 | -0.00         |      | 12/03/2025 | 13:05     |
| 2   | CAL2   | 0.01              | 1  | 100              | 100            | 7.27    | 2.06     | 0.000           | 0.008 | 0.008                 | 0.010         | 0    | 12/03/2025 | 13:06     |
| 3   | CAL3   | 0.025             | 1  | 100              | 100            | 7.31    | 2.10     | 0.000           | 0.021 | 0.021                 | 0.027         | 8    | 12/03/2025 | 13:07     |
| 4   | CAL4   | 0.05              | 1  | 100              | 100            | 7.34    | 2.14     | 0.000           | 0.039 | 0.039                 | 0.050         | 0    | 12/03/2025 | 13:08     |
| 5   | CAL5   | 0.1               | 1  | 100              | 100            | 7.33    | 2.06     | 0.000           | 0.078 | 0.078                 | 0.101         | 1    | 12/03/2025 | 13:09     |
| 6   | CAL6   | 0.5               | 1  | 100              | 100            | 7.36    | 2.13     | 0.000           | 0.375 | 0.375                 | 0.489         | -2.2 | 12/03/2025 | 13:10     |
| 7   | CAL7   | 1                 | 1  | 100              | 100            | 7.36    | 2.09     | 0.000           | 0.769 | 0.769                 | 1.004         | 0.4  | 12/03/2025 | 13:11     |

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Run Number: LB138096

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            | 7.30    | 2.12     | 0.000          | 0.366 | 0.366                 | 0.478                      | 12/03/2025 | 13:12     |
| 2   | ICB        |            | 1  | 100                 | 100            | 7.28    | 2.06     | 0.000          | 0.001 | 0.001                 | 0.001                      | 12/03/2025 | 13:13     |
| 3   | CCV1       | 0.5        | 1  | 100                 | 100            | 7.39    | 2.10     | 0.000          | 0.362 | 0.362                 | 0.473                      | 12/03/2025 | 13:14     |
| 4   | CCB1       |            | 1  | 100                 | 100            | 7.36    | 2.02     | 0.000          | 0.001 | 0.001                 | 0.001                      | 12/03/2025 | 13:15     |
| 5   | RL Check   | 0.01       | 1  | 100                 | 100            | 7.42    | 2.10     | 0.000          | 0.009 | 0.009                 | 0.012                      | 12/03/2025 | 13:16     |
| 6   | PB170793BL |            | 1  | 2.50                | 100            | 7.38    | 2.07     | 0.000          | 0.000 | 0.000                 | 0.000                      | 12/03/2025 | 13:17     |
| 7   | PB170793BS | 20         | 1  | 2.50                | 100            | 7.40    | 2.14     | 0.000          | 0.364 | 0.364                 | 0.475                      | 12/03/2025 | 13:18     |
| 8   | Q3746-01   |            | 1  | 2.53                | 100            | 7.52    | 2.19     | 0.034          | 0.035 | 0.001                 | 0.001                      | 12/03/2025 | 13:19     |
| 9   | Q3750-01   |            | 1  | 2.53                | 100            | 7.57    | 2.11     | 0.000          | 0.000 | 0.000                 | 0.000                      | 12/03/2025 | 13:20     |
| 10  | Q3750-01DU |            | 1  | 2.52                | 100            | 7.52    | 2.09     | 0.000          | 0.000 | 0.000                 | 0.000                      | 12/03/2025 | 13:21     |
| 11  | Q3750-01MS | 40         | 2  | 2.51                | 100            | 7.53    | 2.10     | 0.000          | 0.339 | 0.339                 | 0.443                      | 12/03/2025 | 13:22     |
| 12  | Q3750-01MS | 1284       | 40 | 2.53                | 100            | 7.50    | 2.14     | 0.000          | 0.605 | 0.605                 | 0.790                      | 12/03/2025 | 13:23     |
| 13  | Q3750-01MS | 40         | 2  | 2.52                | 100            | 7.59    | 2.12     | 0.000          | 0.364 | 0.364                 | 0.475                      | 12/03/2025 | 13:24     |
| 14  | Q3750-04   |            | 1  | 2.55                | 100            | 7.40    | 2.24     | 0.000          | 0.000 | 0.000                 | 0.000                      | 12/03/2025 | 13:25     |
| 15  | CCV2       | 0.5        | 1  | 100                 | 100            | 7.40    | 2.04     | 0.000          | 0.360 | 0.360                 | 0.470                      | 12/03/2025 | 13:26     |
| 16  | CCB2       |            | 1  | 100                 | 100            | 7.33    | 2.09     | 0.000          | 0.001 | 0.001                 | 0.001                      | 12/03/2025 | 13:27     |