

# Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB137076

pH Meter ID: WC pH Meter-1

| Reagent/Standard                         | Lot/Log # |
|------------------------------------------|-----------|
| Calibration Std. hexchrome 0.1 ppm       | WP114587  |
| Calibration Std. hexchrome 0.05 ppm      | WP114586  |
| calibration std. hexchrome 0.01 ppm      | WP114584  |
| calibration std. hexchrome 0 ppm         | WP114583  |
| hexavalent chromium color reagent        | WP114487  |
| 5N sulfuric acid                         | WP112831  |
| Calibration Std Hexachrome 0.025 ppm     | WP114585  |
| Hexavalent Chromium ICV-LCS Std          | WP114590  |
| Calibration and CCV std HexChrome 0.5PPM | WP114588  |
| Calibration std HexChrome 1.0PPM         | WP114589  |

Intercept: -0.0006

Slope: 0.7815

Regression: 0.999997

| 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            |         | 1.70     | 0.000           | 0.000 | 0.000                 | 0.000         |      | 09/04/2025 | 16:00     |
| 2   | CAL2   | 0.01              | 1  | 100              | 100            |         | 1.83     | 0.000           | 0.007 | 0.007                 | 0.009         | -10  | 09/04/2025 | 16:00     |
| 3   | CAL3   | 0.025             | 1  | 100              | 100            |         | 1.90     | 0.000           | 0.018 | 0.018                 | 0.023         | -8   | 09/04/2025 | 16:01     |
| 4   | CAL4   | 0.05              | 1  | 100              | 100            |         | 1.88     | 0.000           | 0.038 | 0.038                 | 0.049         | -2   | 09/04/2025 | 16:01     |
| 5   | CAL5   | 0.1               | 1  | 100              | 100            |         | 1.94     | 0.000           | 0.079 | 0.079                 | 0.101         | 1    | 09/04/2025 | 16:02     |
| 6   | CAL6   | 0.5               | 1  | 100              | 100            |         | 2.03     | 0.000           | 0.390 | 0.390                 | 0.499         | -0.2 | 09/04/2025 | 16:02     |
| 7   | CAL7   | 1                 | 1  | 100              | 100            |         | 1.91     | 0.000           | 0.781 | 0.781                 | 1.000         | 0    | 09/04/2025 | 16:03     |

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Run Number: LB137076

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            |         | 1.94     | 0.000          | 0.392 | 0.392                 | 0.502                      | 09/04/2025 | 16:03     |
| 2   | ICB        |            | 1  | 100                 | 100            |         | 1.90     | 0.000          | 0.001 | 0.001                 | 0.002                      | 09/04/2025 | 16:04     |
| 3   | CCV1       | 0.5        | 1  | 100                 | 100            |         | 1.84     | 0.000          | 0.389 | 0.389                 | 0.499                      | 09/04/2025 | 16:04     |
| 4   | CCB1       |            | 1  | 100                 | 100            |         | 1.69     | 0.000          | 0.000 | 0.000                 | 0.001                      | 09/04/2025 | 16:05     |
| 5   | RL Check   | 0.01       | 1  | 100                 | 100            |         | 1.84     | 0.000          | 0.008 | 0.008                 | 0.011                      | 09/04/2025 | 16:05     |
| 6   | LB137076BL |            | 1  | 100                 | 100            |         | 1.75     | 0.000          | 0.001 | 0.001                 | 0.002                      | 09/04/2025 | 16:06     |
| 7   | LB137076BS | 0.5        | 1  | 100                 | 100            |         | 2.06     | 0.000          | 0.402 | 0.402                 | 0.515                      | 09/04/2025 | 16:06     |
| 8   | Q3022-01   |            | 1  | 100                 | 100            |         | 1.88     | 0.000          | 0.000 | 0.000                 | 0.001                      | 09/04/2025 | 16:07     |
| 9   | Q3022-01DU |            | 1  | 100                 | 100            |         | 1.93     | 0.000          | 0.000 | 0.000                 | 0.001                      | 09/04/2025 | 16:07     |
| 10  | Q3022-01MS | 1          | 2  | 100                 | 100            |         | 1.90     | 0.000          | 0.382 | 0.382                 | 0.490                      | 09/04/2025 | 16:08     |
| 11  | Q3022-01MS | 1          | 2  | 100                 | 100            |         | 1.98     | 0.000          | 0.384 | 0.384                 | 0.492                      | 09/04/2025 | 16:08     |
| 12  | CCV2       | 0.5        | 1  | 100                 | 100            |         | 2.04     | 0.000          | 0.390 | 0.390                 | 0.500                      | 09/04/2025 | 16:09     |
| 13  | CCB2       |            | 1  | 100                 | 100            |         | 2.10     | 0.000          | 0.000 | 0.000                 | 0.001                      | 09/04/2025 | 16:09     |