

## Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB135578

pH Meter ID: WC pH Meter-1

| Reagent/Standard                  | Lot/Log # |
|-----------------------------------|-----------|
| hexavalent chromium color reagent | WP112869  |
| 5N sulfuric acid                  | WP112831  |
| HNO3 Hex-Chrome, 5M               | WP112830  |
| Hexchrome Cleaning Solution       | WP111249  |

Intercept: 0.0005

Slope: 0.7665

Regression: 0.999957

| 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            | 7.28    | 1.84     | 0.000           | 0.000 | 0.000                 | -0.00         |      | 04/28/2025 | 12:00     |
| 2   | CAL2   | 0.01              | 1  | 100              | 100            | 7.42    | 1.90     | 0.000           | 0.009 | 0.009                 | 0.011         | 10   | 04/28/2025 | 12:01     |
| 3   | CAL3   | 0.025             | 1  | 100              | 100            | 7.36    | 1.94     | 0.000           | 0.019 | 0.019                 | 0.024         | -4   | 04/28/2025 | 12:02     |
| 4   | CAL4   | 0.05              | 1  | 100              | 100            | 7.38    | 1.85     | 0.000           | 0.038 | 0.038                 | 0.048         | -4   | 04/28/2025 | 12:03     |
| 5   | CAL5   | 0.1               | 1  | 100              | 100            | 7.47    | 1.89     | 0.000           | 0.081 | 0.081                 | 0.105         | 5    | 04/28/2025 | 12:04     |
| 6   | CAL6   | 0.5               | 1  | 100              | 100            | 7.44    | 1.97     | 0.000           | 0.379 | 0.379                 | 0.493         | -1.4 | 04/28/2025 | 12:05     |
| 7   | CAL7   | 1                 | 1  | 100              | 100            | 7.35    | 1.88     | 0.000           | 0.769 | 0.769                 | 1.002         | 0.2  | 04/28/2025 | 12:06     |

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Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY:Iwona

Run Number: LB135578

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            | 7.48    | 1.88     | 0.000          | 0.382 | 0.382                 | 0.498                      | 04/28/2025 | 12:07     |
| 2   | ICB        |            | 1  | 100                 | 100            | 7.23    | 1.79     | 0.000          | 0.001 | 0.001                 | 0.001                      | 04/28/2025 | 12:08     |
| 3   | CCV1       | 0.5        | 1  | 100                 | 100            | 7.40    | 1.90     | 0.000          | 0.376 | 0.376                 | 0.490                      | 04/28/2025 | 12:09     |
| 4   | CCB1       |            | 1  | 100                 | 100            | 7.31    | 1.84     | 0.000          | 0.001 | 0.001                 | 0.001                      | 04/28/2025 | 12:10     |
| 5   | RL Check   | 0.01       | 1  | 100                 | 100            | 7.43    | 1.95     | 0.000          | 0.010 | 0.010                 | 0.012                      | 04/28/2025 | 12:11     |
| 6   | PB167730BL |            | 1  | 2.50                | 100            | 7.33    | 1.75     | 0.000          | 0.000 | 0.000                 | -0.001                     | 04/28/2025 | 12:12     |
| 7   | PB167730BS | 20         | 1  | 2.50                | 100            | 7.45    | 1.99     | 0.000          | 0.383 | 0.383                 | 0.499                      | 04/28/2025 | 12:13     |
| 8   | Q1867-01   |            | 1  | 2.55                | 100            | 7.60    | 2.06     | 0.004          | 0.004 | 0.000                 | -0.001                     | 04/28/2025 | 12:14     |
| 9   | Q1867-03   |            | 1  | 2.57                | 100            | 7.36    | 1.88     | 0.014          | 0.015 | 0.001                 | 0.001                      | 04/28/2025 | 12:15     |
| 10  | Q1869-01   |            | 1  | 2.52                | 100            | 7.62    | 2.06     | 0.016          | 0.016 | 0.000                 | -0.001                     | 04/28/2025 | 12:16     |
| 11  | Q1871-01   |            | 1  | 2.53                | 100            | 7.54    | 2.20     | 0.001          | 0.001 | 0.000                 | -0.001                     | 04/28/2025 | 12:17     |
| 12  | Q1871-05   |            | 1  | 2.57                | 100            | 7.56    | 2.11     | 0.010          | 0.013 | 0.003                 | 0.003                      | 04/28/2025 | 12:18     |
| 13  | Q1874-01   |            | 1  | 2.54                | 100            | 7.67    | 2.19     | 0.014          | 0.015 | 0.001                 | 0.001                      | 04/28/2025 | 12:19     |
| 14  | Q1874-03   |            | 1  | 2.54                | 100            | 7.59    | 2.06     | 0.006          | 0.011 | 0.005                 | 0.006                      | 04/28/2025 | 12:20     |
| 15  | Q1874-05   |            | 1  | 2.57                | 100            | 7.52    | 1.99     | 0.004          | 0.014 | 0.010                 | 0.012                      | 04/28/2025 | 12:21     |
| 16  | CCV2       | 0.5        | 1  | 100                 | 100            | 7.49    | 1.92     | 0.000          | 0.376 | 0.376                 | 0.490                      | 04/28/2025 | 12:22     |
| 17  | CCB2       |            | 1  | 100                 | 100            | 7.27    | 1.86     | 0.000          | 0.000 | 0.000                 | -0.001                     | 04/28/2025 | 12:23     |
| 18  | Q1875-01   |            | 1  | 2.55                | 100            | 7.50    | 2.10     | 0.010          | 0.010 | 0.000                 | -0.001                     | 04/28/2025 | 12:24     |
| 19  | Q1878-01   |            | 1  | 2.53                | 100            | 7.51    | 2.04     | 0.003          | 0.004 | 0.001                 | 0.001                      | 04/28/2025 | 12:25     |
| 20  | Q1878-01DU |            | 1  | 2.53                | 100            | 7.55    | 2.10     | 0.003          | 0.004 | 0.001                 | 0.001                      | 04/28/2025 | 12:26     |
| 21  | Q1878-01MS | 40         | 2  | 2.52                | 100            | 7.52    | 2.10     | 0.000          | 0.312 | 0.312                 | 0.406                      | 04/28/2025 | 12:27     |
| 22  | Q1878-01MS | 1284       | 40 | 2.52                | 100            | 7.58    | 2.06     | 0.000          | 0.608 | 0.608                 | 0.793                      | 04/28/2025 | 12:28     |
| 23  | Q1878-01MS | 40         | 2  | 2.53                | 100            | 7.60    | 2.17     | 0.000          | 0.371 | 0.371                 | 0.483                      | 04/28/2025 | 12:29     |
| 24  | Q1889-01   |            | 1  | 2.52                | 100            | 7.69    | 2.21     | 0.015          | 0.016 | 0.001                 | 0.001                      | 04/28/2025 | 12:30     |
| 25  | Q1889-02   |            | 1  | 2.57                | 100            | 7.42    | 2.27     | 0.009          | 0.012 | 0.003                 | 0.003                      | 04/28/2025 | 12:31     |
| 26  | Q1889-03   |            | 1  | 2.54                | 100            | 7.53    | 2.01     | 0.005          | 0.008 | 0.003                 | 0.003                      | 04/28/2025 | 12:32     |
| 27  | Q1891-01   |            | 1  | 2.55                | 100            | 7.57    | 2.10     | 0.000          | 0.000 | 0.000                 | -0.001                     | 04/28/2025 | 12:33     |
| 28  | CCV3       | 0.5        | 1  | 100                 | 100            | 7.51    | 2.02     | 0.000          | 0.385 | 0.385                 | 0.502                      | 04/28/2025 | 12:34     |
| 29  | CCB3       |            | 1  | 100                 | 100            | 7.34    | 1.88     | 0.000          | 0.001 | 0.001                 | 0.001                      | 04/28/2025 | 12:35     |
| 30  | Q1891-05   |            | 1  | 2.51                | 100            | 7.70    | 2.13     | 0.010          | 0.010 | 0.000                 | -0.001                     | 04/28/2025 | 12:36     |
| 31  | Q1895-01   |            | 1  | 2.56                | 100            | 7.66    | 2.09     | 0.001          | 0.002 | 0.001                 | 0.001                      | 04/28/2025 | 12:37     |
| 32  | Q1895-03   |            | 1  | 2.52                | 100            | 7.60    | 2.22     | 0.002          | 0.003 | 0.001                 | 0.001                      | 04/28/2025 | 12:38     |
| 33  | Q1895-05   |            | 1  | 2.57                | 100            | 7.60    | 2.26     | 0.000          | 0.000 | 0.000                 | -0.001                     | 04/28/2025 | 12:39     |
| 34  | CCV4       | 0.5        | 1  | 100                 | 100            | 7.41    | 1.94     | 0.000          | 0.383 | 0.383                 | 0.499                      | 04/28/2025 | 12:40     |
| 35  | CCB4       |            | 1  | 100                 | 100            | 7.39    | 1.76     | 0.000          | 0.001 | 0.001                 | 0.001                      | 04/28/2025 | 12:41     |