

## Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB134128

pH Meter ID: WC pH Meter-1

| Reagent/Standard                  | Lot/Log # |
|-----------------------------------|-----------|
| hexavalent chromium color reagent | WP111205  |
| 5N sulfuric acid                  | WP110380  |
| HNO3 Hex-Chrome, 5M               | WP110381  |
| Hexchrome Cleaning Solution       | WP111249  |

Intercept: 0.0012

Slope: 0.7647

Regression: 0.999995

| 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    | 1.81     | 0.000           | 0.000 | 0.000                 | -0.00         |      | 12/30/2024 | 16:00     |
| 2   | CAL2   | 0.01              | 1  | 100              | 100            | 7.38    | 1.85     | 0.000           | 0.008 | 0.008                 | 0.008         | -20  | 12/30/2024 | 16:01     |
| 3   | CAL3   | 0.025             | 1  | 100              | 100            | 7.35    | 1.88     | 0.000           | 0.021 | 0.021                 | 0.025         | 0    | 12/30/2024 | 16:02     |
| 4   | CAL4   | 0.05              | 1  | 100              | 100            | 7.38    | 1.87     | 0.000           | 0.040 | 0.040                 | 0.050         | 0    | 12/30/2024 | 16:03     |
| 5   | CAL5   | 0.1               | 1  | 100              | 100            | 7.39    | 1.89     | 0.000           | 0.079 | 0.079                 | 0.101         | 1    | 12/30/2024 | 16:04     |
| 6   | CAL6   | 0.5               | 1  | 100              | 100            | 7.36    | 1.88     | 0.000           | 0.383 | 0.383                 | 0.499         | -0.2 | 12/30/2024 | 16:05     |
| 7   | CAL7   | 1                 | 1  | 100              | 100            | 7.36    | 1.86     | 0.000           | 0.766 | 0.766                 | 1.000         | 0    | 12/30/2024 | 16:06     |

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SUPERVISOR REVIEW BY: Iwona

Run Number: LB134128

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            | 7.42    | 1.93     | 0.000          | 0.384 | 0.384                 | 0.501                      | 12/30/2024 | 16:07     |
| 2   | ICB        |            | 1  | 100                 | 100            | 7.24    | 1.78     | 0.000          | 0.001 | 0.001                 | 0.000                      | 12/30/2024 | 16:08     |
| 3   | CCV1       | 0.5        | 1  | 100                 | 100            | 7.45    | 1.93     | 0.000          | 0.383 | 0.383                 | 0.499                      | 12/30/2024 | 16:09     |
| 4   | CCB1       |            | 1  | 100                 | 100            | 7.29    | 1.75     | 0.000          | 0.001 | 0.001                 | 0.000                      | 12/30/2024 | 16:10     |
| 5   | RL Check   | 0.01       | 1  | 100                 | 100            | 7.40    | 1.91     | 0.000          | 0.009 | 0.009                 | 0.010                      | 12/30/2024 | 16:11     |
| 6   | PB165868BL |            | 1  | 2.50                | 100            | 7.27    | 1.80     | 0.000          | 0.000 | 0.000                 | -0.002                     | 12/30/2024 | 16:12     |
| 7   | PB165868BS | 20         | 1  | 2.50                | 100            | 7.41    | 1.94     | 0.000          | 0.385 | 0.385                 | 0.502                      | 12/30/2024 | 16:13     |
| 8   | P5386-01   |            | 1  | 2.54                | 100            | 7.61    | 2.06     | 0.001          | 0.002 | 0.001                 | 0.000                      | 12/30/2024 | 16:14     |
| 9   | P5386-03   |            | 1  | 2.52                | 100            | 7.55    | 2.10     | 0.002          | 0.002 | 0.000                 | -0.002                     | 12/30/2024 | 16:15     |
| 10  | P5387-01   |            | 1  | 2.55                | 100            | 7.52    | 2.12     | 0.001          | 0.002 | 0.001                 | 0.000                      | 12/30/2024 | 16:16     |
| 11  | P5387-01DU |            | 1  | 2.56                | 100            | 7.55    | 2.13     | 0.001          | 0.002 | 0.001                 | 0.000                      | 12/30/2024 | 16:17     |
| 12  | P5387-01MS | 40         | 2  | 2.55                | 100            | 7.55    | 2.10     | 0.000          | 0.329 | 0.329                 | 0.429                      | 12/30/2024 | 16:18     |
| 13  | P5387-01MS | 1284       | 40 | 2.57                | 100            | 7.57    | 2.10     | 0.000          | 0.607 | 0.607                 | 0.792                      | 12/30/2024 | 16:19     |
| 14  | P5387-01MS | 40         | 2  | 2.56                | 100            | 7.58    | 2.16     | 0.000          | 0.380 | 0.380                 | 0.495                      | 12/30/2024 | 16:20     |
| 15  | P5390-01   |            | 1  | 2.57                | 100            | 7.60    | 2.10     | 0.006          | 0.007 | 0.001                 | 0.000                      | 12/30/2024 | 16:21     |
| 16  | CCV2       | 0.5        | 1  | 100                 | 100            | 7.43    | 1.92     | 0.000          | 0.385 | 0.385                 | 0.502                      | 12/30/2024 | 16:22     |
| 17  | CCB2       |            | 1  | 100                 | 100            | 7.35    | 1.79     | 0.000          | 0.001 | 0.001                 | 0.000                      | 12/30/2024 | 16:23     |
| 18  | P5391-01   |            | 1  | 2.54                | 100            | 7.60    | 2.10     | 0.008          | 0.008 | 0.000                 | -0.002                     | 12/30/2024 | 16:24     |
| 19  | P5398-01   |            | 1  | 2.52                | 100            | 7.66    | 2.06     | 0.006          | 0.007 | 0.001                 | 0.000                      | 12/30/2024 | 16:25     |
| 20  | CCV3       | 0.5        | 1  | 100                 | 100            | 7.43    | 1.95     | 0.000          | 0.383 | 0.383                 | 0.499                      | 12/30/2024 | 16:26     |
| 21  | CCB3       |            | 1  | 100                 | 100            | 7.29    | 1.80     | 0.000          | 0.001 | 0.001                 | 0.000                      | 12/30/2024 | 16:27     |