

## Analytical Summary Report

Analysis Method: SM5220 D

ANALYST: Niha

Parameter: COD

SUPERVISOR REVIEW BY: Iwona

Run Number: LB135178

| Reagent/Standard                        | Lot/Log # |
|-----------------------------------------|-----------|
| COD ICV-LCS std, 50ppm                  | WP111522  |
| COD calibration std. 100 ppm            | WP111519  |
| COD calibration std. 10 ppm             | WP111517  |
| COD calibration std. 150 ppm            | WP111520  |
| COD calibration std. 50 ppm             | WP111518  |
| COD calibration std. 0 ppm              | WP111516  |
| COD ICV-LCS std, 50ppm                  | WP112412  |
| COD CCV std, 50ppm                      | WP112411  |
| COD Digestion Vials Low Level 0-150Mg/L | W3127     |

|                   |                      |                 |
|-------------------|----------------------|-----------------|
| Temp In (C): 148  | Date In: 03/25/2025  | Time In: 10:05  |
| Temp Out (C): 150 | Date Out: 03/25/2025 | Time Out: 12:05 |

Intercept: 0.1675

Slope: 1.0102

Regression: 1

| Seq | Lab ID | TrueValue (mg/l) | DF | MATRIX | Reading | Result (mg/l) | %D   | Anal Date  | Anal Time |
|-----|--------|------------------|----|--------|---------|---------------|------|------------|-----------|
| 1   | CAL1   | 0                | 1  | Water  | 0.000   | -0.166        |      | 01/22/2025 | 13:30     |
| 2   | CAL2   | 10               | 1  | Water  | 11.000  | 10.723        | 7.2  | 01/22/2025 | 13:30     |
| 3   | CAL3   | 50               | 1  | Water  | 50.000  | 49.329        | -1.3 | 01/22/2025 | 13:31     |
| 4   | CAL4   | 100              | 1  | Water  | 101.000 | 99.814        | -0.2 | 01/22/2025 | 13:31     |
| 5   | CAL5   | 150              | 1  | Water  | 152.000 | 150.299       | 0.2  | 01/22/2025 | 13:32     |

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Run Number: LB135178

| Seq | Lab ID      | True Value (mg/l) | Initial Weight (g) | Final Vol (ml) | DF | MATRIX | Reading | Result | AnalDate   | AnalTime |
|-----|-------------|-------------------|--------------------|----------------|----|--------|---------|--------|------------|----------|
| 1   | ICV         | 50                | NA                 | NA             | 1  | Water  | 50.000  | 49.329 | 01/22/2025 | 13:32    |
| 2   | ICB         |                   | NA                 | NA             | 1  | Water  | 0.000   | -0.166 | 01/22/2025 | 13:33    |
| 3   | CCV1        | 50                | NA                 | NA             | 1  | Water  | 51.000  | 50.319 | 03/25/2025 | 15:05    |
| 4   | CCB1        |                   | NA                 | NA             | 1  | Water  | 0.000   | -0.166 | 03/25/2025 | 15:05    |
| 5   | LB135178BL  |                   | 1.0                | 50             | 1  | Solid  | 0.000   | -0.166 | 03/25/2025 | 15:06    |
| 6   | LB135178BS  | 50                | 1.0                | 50             | 1  | Solid  | 50.000  | 49.329 | 03/25/2025 | 15:06    |
| 7   | Q1626-01    |                   | 1.02               | 50             | 5  | Solid  | 30.000  | 29.531 | 03/25/2025 | 15:07    |
| 8   | Q1632-01    |                   | 1.04               | 50             | 1  | Solid  | 42.000  | 41.410 | 03/25/2025 | 15:07    |
| 9   | Q1632-01DUP |                   | 1.03               | 50             | 1  | Solid  | 44.000  | 43.390 | 03/25/2025 | 15:08    |
| 10  | Q1632-01MS  | 50                | 1.02               | 50             | 1  | Solid  | 90.000  | 88.925 | 03/25/2025 | 15:08    |
| 11  | Q1632-01MSD | 50                | 1.02               | 50             | 1  | Solid  | 88.000  | 86.946 | 03/25/2025 | 15:09    |
| 12  | CCV2        | 50                | NA                 | NA             | 1  | Water  | 50.000  | 49.329 | 03/25/2025 | 15:09    |
| 13  | CCB2        |                   | NA                 | NA             | 1  | Water  | 0.000   | -0.166 | 03/25/2025 | 15:10    |

# WORKLIST(Hardcopy Internal Chain)

LB135178

WorkList Name : COD S-03252025

WorkList ID : 188516

Department : Wet-Chemistry

Date : 03-25-2025 08:40:24

| Sample   | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method   |
|----------|-----------------|--------|------|--------------|----------|-----------------------------|--------------|----------|
| Q1626-01 | CO-32-1         | Solid  | COD  | Cool 4 deg C | WALS01   | F11                         | 03/21/2025   | SM5220 D |
| Q1632-01 | PIER-1-2        | Solid  | COD  | Cool 4 deg C | PSEG03   | I41                         | 03/24/2025   | SM5220 D |

Date/Time 03-25-2025 09:00

Raw Sample Received by: NF (WC)

Raw Sample Relinquished by: NF (WC)

Date/Time 03-25-2025 12:00

Raw Sample Received by: NF (WC)

Raw Sample Relinquished by: NF (WC)