

## Analytical Summary Report

Analysis Method: SM5220 D  
 Parameter: COD  
 Run Number: LB135157

ANALYST: Niha

SUPERVISOR REVIEW BY: Iwona

| 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): <u>148</u>  | Date In: <u>03/24/2025</u>  | Time In: <u>11:30</u>  |
| Temp Out (C): <u>150</u> | Date Out: <u>03/24/2025</u> | Time Out: <u>13:30</u> |

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     |

## Analytical Summary Report

Analysis Method: SM5220 D

ANALYST: Niha

Parameter: COD

SUPERVISOR REVIEW BY: Iwona

Run Number: LB135157

| 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  | 49.000  | 48.339  | 03/24/2025 | 15:35    |
| 4   | CCB1        |                   | NA                 | NA             | 1  | Water  | 0.000   | -0.166  | 03/24/2025 | 15:35    |
| 5   | LB135157BL  |                   | NA                 | NA             | 1  | Water  | 0.000   | -0.166  | 03/24/2025 | 15:36    |
| 6   | LB135157BS  | 50                | NA                 | NA             | 1  | Water  | 50.000  | 49.329  | 03/24/2025 | 15:36    |
| 7   | Q1606-11    |                   | NA                 | NA             | 5  | Water  | 109.000 | 107.734 | 03/24/2025 | 15:37    |
| 8   | Q1625-01    |                   | NA                 | NA             | 1  | Water  | 120.000 | 118.623 | 03/24/2025 | 15:37    |
| 9   | Q1625-01DUP |                   | NA                 | NA             | 1  | Water  | 120.000 | 118.623 | 03/24/2025 | 15:38    |
| 10  | Q1625-01MS  | 50                | NA                 | NA             | 1  | Water  | 160.000 | 158.219 | 03/24/2025 | 15:38    |
| 11  | Q1625-01MSD | 50                | NA                 | NA             | 1  | Water  | 162.000 | 160.198 | 03/24/2025 | 15:39    |
| 12  | CCV2        | 50                | NA                 | NA             | 1  | Water  | 50.000  | 49.329  | 03/24/2025 | 15:39    |
| 13  | CCB2        |                   | NA                 | NA             | 1  | Water  | 0.000   | -0.166  | 03/24/2025 | 15:40    |

LB135154

## WORKLIST(Hardcopy Internal Chain)

WorkList Name : COD-03242025

WorkList ID : 188492

Department : Wet-Chemistry

Date : 03-24-2025 10:57:14

| Sample       | Customer Sample | Matrix | Test | Preservative         | Customer | Raw Sample Storage Location | Collect Date | Method   |
|--------------|-----------------|--------|------|----------------------|----------|-----------------------------|--------------|----------|
| Q1606-11 · 9 | N48965          | Water  | COD  | Conc H2SO4 to pH < 2 | PSEG03   | I41                         | 03/19/2025   | SM5220 D |
| Q1625-01 · 6 | FRAC-TANK-A1291 | Water  | COD  | Conc H2SO4 to pH < 2 | PSEG03   | I11                         | 03/21/2025   | SM5220 D |

Date/Time 03, 24, 2025, 11:00  
Raw Sample Received by: NF(wc)  
Raw Sample Relinquished by: NF(wc)

Date/Time 03, 24, 2025, 13:00  
Raw Sample Received by: NF(wc)  
Raw Sample Relinquished by: NF(wc)