

## Analytical Summary Report

Analysis Method: SM5220 D

ANALYST: Iwona

Parameter: COD

SUPERVISOR REVIEW BY: jignesh

Run Number: LB136477

| Reagent/Standard                        | Lot/Log # |
|-----------------------------------------|-----------|
| COD calibration std. 150 ppm            | WP113238  |
| COD calibration std. 100 ppm            | WP113237  |
| COD calibration std. 50 ppm             | WP113235  |
| COD calibration std. 10 ppm             | WP113234  |
| COD calibration std. 0 ppm              | WP113233  |
| COD ICV-LCS std, 50ppm                  | WP113240  |
| COD calibration std. 75 ppm             | WP113236  |
| COD Digestion Vials Low Level 0-150Mg/L | W3129     |
| COD CCV std, 50ppm                      | WP113940  |
| COD ICV-LCS std, 50ppm                  | WP113941  |
| RL CHECK                                | WP113942  |

|                  |                      |                 |
|------------------|----------------------|-----------------|
| Temp In(C): 148  | Date In: 07/15/2025  | Time In: 09:05  |
| Temp Out(C): 151 | Date Out: 07/15/2025 | Time Out: 11:05 |

Intercept: 0.8179

Slope: 0.9847

Regression: 0.9995

| Seq | Lab ID | TrueValue (mg/l) | DF | MATRIX | Reading | Result (mg/l) | %D    | Anal Date  | Anal Time |
|-----|--------|------------------|----|--------|---------|---------------|-------|------------|-----------|
| 1   | CAL1   | 0                | 1  | Water  | 0.000   | -0.831        |       | 05/28/2025 | 13:10     |
| 2   | CAL2   | 10               | 1  | Water  | 9.000   | 8.309         | -16.9 | 05/28/2025 | 13:10     |
| 3   | CAL3   | 50               | 1  | Water  | 52.000  | 51.977        | 4     | 05/28/2025 | 13:11     |
| 4   | CAL4   | 75               | 1  | Water  | 77.000  | 77.366        | 3.2   | 05/28/2025 | 13:11     |
| 5   | CAL5   | 100              | 1  | Water  | 99.000  | 99.708        | -0.3  | 05/28/2025 | 13:12     |
| 6   | CAL6   | 150              | 1  | Water  | 147.000 | 148.453       | -1    | 05/28/2025 | 13:12     |

## Analytical Summary Report

Analysis Method: SM5220 D

ANALYST: Iwona

Parameter: COD

SUPERVISOR REVIEW BY: jignesh

Run Number: LB136477

| 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  | 51.000  | 50.962  | 05/28/2025 | 13:13    |
| 2   | ICB         |                   | NA                 | NA             | 1  | Water  | 0.000   | -0.831  | 05/28/2025 | 13:13    |
| 3   | CCV1        | 50                | NA                 | NA             | 1  | Water  | 48.000  | 47.915  | 07/15/2025 | 12:10    |
| 4   | CCB1        |                   | NA                 | NA             | 1  | Water  | 1.000   | 0.185   | 07/15/2025 | 12:10    |
| 5   | RL Check    | 10                | NA                 | NA             | 1  | Water  | 8.000   | 7.294   | 07/15/2025 | 12:11    |
| 6   | LB136477BL  |                   | NA                 | NA             | 1  | Water  | 0.000   | -0.831  | 07/15/2025 | 12:11    |
| 7   | LB136477BS  | 50                | NA                 | NA             | 1  | Water  | 51.000  | 50.962  | 07/15/2025 | 12:12    |
| 8   | Q2525-01    |                   | NA                 | NA             | 1  | Water  | 122.000 | 123.065 | 07/15/2025 | 12:12    |
| 9   | Q2536-01    |                   | NA                 | NA             | 1  | Water  | 0.000   | -0.831  | 07/15/2025 | 12:13    |
| 10  | Q2536-02    |                   | NA                 | NA             | 1  | Water  | 0.000   | -0.831  | 07/15/2025 | 12:13    |
| 11  | Q2536-03    |                   | NA                 | NA             | 1  | Water  | 0.000   | -0.831  | 07/15/2025 | 12:14    |
| 12  | Q2565-01    |                   | NA                 | NA             | 50 | Water  | 102.000 | 102.754 | 07/15/2025 | 12:14    |
| 13  | Q2588-01    |                   | NA                 | NA             | 50 | Water  | 48.000  | 47.915  | 07/15/2025 | 12:15    |
| 14  | Q2602-01    |                   | NA                 | NA             | 1  | Water  | 1.000   | 0.185   | 07/15/2025 | 12:15    |
| 15  | Q2602-01DUP |                   | NA                 | NA             | 1  | Water  | 1.000   | 0.185   | 07/15/2025 | 12:16    |
| 16  | CCV2        | 50                | NA                 | NA             | 1  | Water  | 49.000  | 48.931  | 07/15/2025 | 12:16    |
| 17  | CCB2        |                   | NA                 | NA             | 1  | Water  | 0.000   | -0.831  | 07/15/2025 | 12:17    |
| 18  | Q2602-01MS  | 50                | NA                 | NA             | 1  | Water  | 47.000  | 46.900  | 07/15/2025 | 12:17    |
| 19  | Q2602-01MSD | 50                | NA                 | NA             | 1  | Water  | 48.000  | 47.915  | 07/15/2025 | 12:18    |
| 20  | CCV3        | 50                | NA                 | NA             | 1  | Water  | 50.000  | 49.946  | 07/15/2025 | 12:18    |
| 21  | CCB3        |                   | NA                 | NA             | 1  | Water  | 1.000   | 0.185   | 07/15/2025 | 12:19    |

# WORKLIST(Hardcopy Internal Chain)

LB 136477

WorkList Name : COD-071425

WorkList ID : 190690

Department : Wet-Chemistry

Date : 07-14-2025 08:54:55

| Sample   | Customer Sample    | Matrix | Test | Preservative         | Customer | Raw Sample Storage Location | Collect Date | Method   |
|----------|--------------------|--------|------|----------------------|----------|-----------------------------|--------------|----------|
| Q2588-01 | MH-7112025         | Water  | COD  | Conc H2SO4 to pH < 2 | EURO03   | D41                         | 07/11/2025   | SM5220 D |
| Q2536-01 | RW5-SP100-20250708 | Water  | COD  | Conc H2SO4 to pH < 2 | TETR06   | O21                         | 07/08/2025   | SM5220 D |
| Q2536-02 | RW7-SP100-20250708 | Water  | COD  | Conc H2SO4 to pH < 2 | TETR06   | O21                         | 07/08/2025   | SM5220 D |
| Q2536-03 | RW8-SP100-20250708 | Water  | COD  | Conc H2SO4 to pH < 2 | TETR06   | O21                         | 07/08/2025   | SM5220 D |
| Q2525-01 | EFFLUENT-COMPOSITE | Water  | COD  | Conc H2SO4 to pH < 2 | M&MM01   | O33                         | 07/08/2025   | SM5220 D |
| Q2565-01 | MOO-25-0192-0193   | Water  | COD  | Conc H2SO4 to pH < 2 | PSEG03   |                             | 07/10/2025   | SM5220 D |
| Q2602-01 | FRAC-TANK-266380   | Water  | COD  | Conc H2SO4 to pH < 2 | PSEG03   | D31                         | 07/14/2025   | SM5220 D |

Date/Time 07/15/25 08:40  
 Raw Sample Received by: 12(50)  
 Raw Sample Relinquished by: 2866067

Date/Time 07/15/25 09:20  
 Raw Sample Received by: 2866067  
 Raw Sample Relinquished by: 12(50)