

## Analytical Summary Report

Analysis Method: SM5220 D

ANALYST: Eman

Parameter: COD

SUPERVISOR REVIEW BY: jignesh

Run Number: LB136825

| 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 CCV std, 50ppm                      | WP114291  |
| COD ICV-LCS std, 50ppm                  | WP114292  |
| COD Digestion Vials Low Level 0-150Mg/L | W3228     |
| RL CHECK                                | WP114293  |

|                  |                      |                 |
|------------------|----------------------|-----------------|
| Temp In(C): 148  | Date In: 08/15/2025  | Time In: 08:15  |
| Temp Out(C): 150 | Date Out: 08/15/2025 | Time Out: 10:15 |

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     |

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Analysis Method: SM5220 D

ANALYST: Eman

Parameter: COD

SUPERVISOR REVIEW BY: jignesh

Run Number: LB136825

| 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  | 49.000  | 48.931 | 08/15/2025 | 11:00    |
| 4   | CCB1        |                   | NA                 | NA             | 1  | Water  | 1.000   | 0.185  | 08/15/2025 | 11:00    |
| 5   | RL Check    | 10                | NA                 | NA             | 1  | Water  | 9.000   | 8.309  | 08/15/2025 | 11:01    |
| 6   | LB136825BL  |                   | NA                 | NA             | 1  | Water  | 1.000   | 0.185  | 08/15/2025 | 11:01    |
| 7   | LB136825BS  | 50                | NA                 | NA             | 1  | Water  | 48.000  | 47.915 | 08/15/2025 | 11:02    |
| 8   | Q2810-01    |                   | NA                 | NA             | 20 | Water  | 77.000  | 77.366 | 08/15/2025 | 11:02    |
| 9   | Q2835-01    |                   | NA                 | NA             | 1  | Water  | 0.000   | -0.831 | 08/15/2025 | 11:03    |
| 10  | Q2862-01    |                   | NA                 | NA             | 1  | Water  | 38.000  | 37.760 | 08/15/2025 | 11:03    |
| 11  | Q2862-03    |                   | NA                 | NA             | 1  | Water  | 73.000  | 73.304 | 08/15/2025 | 11:04    |
| 12  | Q2862-04    |                   | NA                 | NA             | 1  | Water  | 58.000  | 58.071 | 08/15/2025 | 11:04    |
| 13  | Q2862-05    |                   | NA                 | NA             | 1  | Water  | 30.000  | 29.636 | 08/15/2025 | 11:05    |
| 14  | Q2862-05DUP |                   | NA                 | NA             | 1  | Water  | 30.000  | 29.636 | 08/15/2025 | 11:05    |
| 15  | Q2862-05MS  | 50                | NA                 | NA             | 1  | Water  | 80.000  | 80.412 | 08/15/2025 | 11:06    |
| 16  | CCV2        | 50                | NA                 | NA             | 1  | Water  | 49.000  | 48.931 | 08/15/2025 | 11:06    |
| 17  | CCB2        |                   | NA                 | NA             | 1  | Water  | 0.000   | -0.831 | 08/15/2025 | 11:07    |
| 18  | Q2862-05MSD | 50                | NA                 | NA             | 1  | Water  | 78.000  | 78.381 | 08/15/2025 | 11:07    |
| 19  | CCV3        | 50                | NA                 | NA             | 1  | Water  | 50.000  | 49.946 | 08/15/2025 | 11:08    |
| 20  | CCB3        |                   | NA                 | NA             | 1  | Water  | 1.000   | 0.185  | 08/15/2025 | 11:08    |

# WORKLIST(Hardcopy Internal Chain)

16136825

| WorkList Name : COD-081425 |                 | WorkList ID : 191256 |      | Department : Wet-Chemistry |          | Date : 08-14-2025 08:09:43  |              |          |
|----------------------------|-----------------|----------------------|------|----------------------------|----------|-----------------------------|--------------|----------|
| Sample                     | Customer Sample | Matrix               | Test | Preservative               | Customer | Raw Sample Storage Location | Collect Date | Method   |
| Q2810-01                   | MH-892025       | Water                | COD  | Conc H2SO4 to pH < 2       | EURO03   | D21                         | 08/08/2025   | SM5220 D |
| Q2862-01                   | DSN002          | Water                | COD  | Conc H2SO4 to pH < 2       | PSEG04   | J41                         | 08/13/2025   | SM5220 D |
| Q2862-03                   | DSN001          | Water                | COD  | Conc H2SO4 to pH < 2       | PSEG04   | J41                         | 08/13/2025   | SM5220 D |
| Q2862-04                   | DSN001          | Water                | COD  | Conc H2SO4 to pH < 2       | PSEG04   | J41                         | 08/13/2025   | SM5220 D |
| Q2862-05                   | DSN003          | Water                | COD  | Conc H2SO4 to pH < 2       | PSEG04   | J41                         | 08/13/2025   | SM5220 D |
| Q2835-01                   | Manufacturing   | Water                | COD  | Conc H2SO4 to pH < 2       | SCIE01   | J21                         | 08/12/2025   | SM5220 D |

Date/Time 08/15/25 08:00  
 Raw Sample Received by: EM(wc)  
 Raw Sample Relinquished by: EM(wc)

Date/Time 08/15/25 10:30  
 Raw Sample Received by: EM(wc)  
 Raw Sample Relinquished by: EM(wc)