

## Analytical Summary Report

Analysis Method: SM5220 D  
 Parameter: ASTM COD  
 Run Number: LB135682

ANALYST: Iwona

SUPERVISOR REVIEW BY: jignesh

| Reagent/Standard                        | Lot/Log # |
|-----------------------------------------|-----------|
| COD ICV-LCS std, 50ppm                  | WP112972  |
| COD calibration std. 100 ppm            | WP112969  |
| COD calibration std. 10 ppm             | WP112967  |
| COD calibration std. 150 ppm            | WP112970  |
| COD calibration std. 50 ppm             | WP112968  |
| COD calibration std. 0 ppm              | WP112966  |
| COD CCV std, 50ppm                      | WP112971  |
| COD Digestion Vials Low Level 0-150Mg/L | W3127     |

|                          |                             |                        |
|--------------------------|-----------------------------|------------------------|
| Temp In (C): <u>148</u>  | Date In: <u>05/06/2025</u>  | Time In: <u>09:25</u>  |
| Temp Out (C): <u>151</u> | Date Out: <u>05/06/2025</u> | Time Out: <u>11:25</u> |

Intercept: 0.8854

Slope: 0.9825

Regression: 0.9999

| Seq | Lab ID | TrueValue (mg/l) | DF | MATRIX | Reading | Result (mg/l) | %D   | Anal Date  | Anal Time |
|-----|--------|------------------|----|--------|---------|---------------|------|------------|-----------|
| 1   | CAL1   | 0                | 1  | Water  | 0.000   | -0.901        |      | 05/06/2025 | 13:05     |
| 2   | CAL2   | 10               | 1  | Water  | 11.000  | 10.295        | 2.9  | 05/06/2025 | 13:05     |
| 3   | CAL3   | 50               | 1  | Water  | 51.000  | 51.007        | 2    | 05/06/2025 | 13:06     |
| 4   | CAL4   | 100              | 1  | Water  | 99.000  | 99.862        | -0.1 | 05/06/2025 | 13:06     |
| 5   | CAL5   | 150              | 1  | Water  | 148.000 | 149.735       | -0.2 | 05/06/2025 | 13:07     |

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Analysis Method: SM5220 D

ANALYST: Iwona

Parameter: ASTM COD

SUPERVISOR REVIEW BY: jignesh

Run Number: LB135682

| 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  | 49.000  | 48.972 | 05/06/2025 | 13:07    |
| 2   | ICB         |                   | NA                 | NA             | 1  | Water  | 0.000   | -0.901 | 05/06/2025 | 13:08    |
| 3   | CCV1        | 50                | NA                 | NA             | 1  | Water  | 49.000  | 48.972 | 05/06/2025 | 13:08    |
| 4   | CCB1        |                   | NA                 | NA             | 1  | Water  | 1.000   | 0.117  | 05/06/2025 | 13:09    |
| 5   | LB135682BL  |                   | NA                 | NA             | 1  | Water  | 0.000   | -0.901 | 05/06/2025 | 13:09    |
| 6   | LB135682BS  | 50                | NA                 | NA             | 1  | Water  | 50.000  | 49.989 | 05/06/2025 | 13:10    |
| 7   | Q1929-04    |                   | NA                 | NA             | 1  | Water  | 21.000  | 20.473 | 05/06/2025 | 13:10    |
| 8   | Q1929-04DUP |                   | NA                 | NA             | 1  | Water  | 22.000  | 21.491 | 05/06/2025 | 13:11    |
| 9   | Q1929-04MS  | 50                | NA                 | NA             | 1  | Water  | 65.000  | 65.257 | 05/06/2025 | 13:11    |
| 10  | Q1929-04MSD | 50                | NA                 | NA             | 1  | Water  | 67.000  | 67.292 | 05/06/2025 | 13:12    |
| 11  | Q1929-08    |                   | NA                 | NA             | 1  | Water  | 30.000  | 29.633 | 05/06/2025 | 13:12    |
| 12  | Q1929-12    |                   | NA                 | NA             | 1  | Water  | 16.000  | 15.384 | 05/06/2025 | 13:13    |
| 13  | CCV2        | 50                | NA                 | NA             | 1  | Water  | 52.000  | 52.025 | 05/06/2025 | 13:13    |
| 14  | CCB2        |                   | NA                 | NA             | 1  | Water  | 1.000   | 0.117  | 05/06/2025 | 13:14    |

# WORKLIST(Hardcopy Internal Chain)

LB135682

WorkList Name : ASTM COD-050525

WorkList ID : 189331

Department : Wet-Chemistry

Date : 05-05-2025 16:43:17

| Sample   | Customer Sample | Matrix | Test     | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method   |
|----------|-----------------|--------|----------|--------------|----------|-----------------------------|--------------|----------|
| Q1929-04 | WC-A4-02-C      | Solid  | ASTM COD | Cool 4 deg C | ENTA05   | L41                         | 04/29/2025   | SM5220 D |
| Q1929-08 | WC-A1-03-C      | Solid  | ASTM COD | Cool 4 deg C | ENTA05   | L41                         | 04/30/2025   | SM5220 D |
| Q1929-12 | WC-A1-04-C      | Solid  | ASTM COD | Cool 4 deg C | ENTA05   | L41                         | 04/30/2025   | SM5220 D |

Date/Time 05/06/25 09:15  
 Raw Sample Received by: 12601  
 Raw Sample Relinquished by: 20600

Date/Time NA  
 Raw Sample Received by: 11  
 Raw Sample Relinquished by: 9