

# Analytical Summary Report

Analysis Method: SM5220 D

ANALYST: Rubina

Parameter: COD

SUPERVISOR REVIEW BY: Iwona

Run Number: LB130403

| Reagent/Standard                        | Lot/Log # |
|-----------------------------------------|-----------|
| COD Digestion Vials Low Level 0-150Mg/L | W3067     |
| COD calibration std. 100 ppm            | WP107081  |
| COD calibration std. 10 ppm             | WP107079  |
| COD calibration std. 150 ppm            | WP107082  |
| COD calibration std. 50 ppm             | WP107080  |
| COD calibration std. 0 ppm              | WP107078  |
| COD ICV-LCS std, 50ppm                  | WP107540  |
| COD CCV std, 50ppm                      | WP107539  |

|                   |                      |                 |
|-------------------|----------------------|-----------------|
| Temp In (C): 148  | Date In: 04/19/2024  | Time In: 09:00  |
| Temp Out (C): 151 | Date Out: 04/19/2024 | Time Out: 11:00 |

Intercept: 0.4421

Slope: 0.9961

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   | -0.444        |      | 03/21/2024 | 15:30     |
| 2   | CAL2   | 10               | 1  | Water  | 10.000  | 9.595         | -4   | 03/21/2024 | 15:30     |
| 3   | CAL3   | 50               | 1  | Water  | 51.000  | 50.756        | 1.5  | 03/21/2024 | 15:31     |
| 4   | CAL4   | 100              | 1  | Water  | 101.000 | 100.952       | 1    | 03/21/2024 | 15:31     |
| 5   | CAL5   | 150              | 1  | Water  | 149.000 | 149.14        | -0.6 | 03/21/2024 | 15:32     |



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ANALYST: Rubina

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Run Number: LB130403

| 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  | 48.748 | 03/21/2024 | 15:32    |
| 2   | ICB         |                   | NA                 | NA             | 1   | Water  | 1.000   | 0.560  | 03/21/2024 | 15:33    |
| 3   | CCV1        | 50                | NA                 | NA             | 1   | Water  | 51.000  | 50.756 | 04/19/2024 | 13:00    |
| 4   | CCB1        |                   | NA                 | NA             | 1   | Water  | 0.000   | -0.444 | 04/19/2024 | 13:00    |
| 5   | LB130403BL  |                   | NA                 | NA             | 1   | Water  | 1.000   | 0.560  | 04/19/2024 | 13:01    |
| 6   | LB130403BS  | 50                | NA                 | NA             | 1   | Water  | 50.000  | 49.752 | 04/19/2024 | 13:01    |
| 7   | P2151-01    |                   | NA                 | NA             | 100 | Water  | 76.000  | 75.854 | 04/19/2024 | 13:02    |
| 8   | P2151-01DUP |                   | NA                 | NA             | 100 | Water  | 76.000  | 75.854 | 04/19/2024 | 13:02    |
| 9   | P2151-01MS  | 50                | NA                 | NA             | 100 | Water  | 77.000  | 76.858 | 04/19/2024 | 13:03    |
| 10  | P2151-01MSD | 50                | NA                 | NA             | 100 | Water  | 77.000  | 76.858 | 04/19/2024 | 13:03    |
| 11  | CCV2        | 50                | NA                 | NA             | 1   | Water  | 49.000  | 48.748 | 04/19/2024 | 13:04    |
| 12  | CCB2        |                   | NA                 | NA             | 1   | Water  | 0.000   | -0.444 | 04/19/2024 | 13:04    |

# WORKLIST(Hardcopy Internal Chain)

66130403

WorkList Name : COD-4-18

WorkList ID : 179563

Department : Wet-Chemistry

Date : 04-18-2024 15:25:33

| Sample   | Customer Sample | Matrix | Test | Preservative         | Customer | Raw Sample Storage Location | Collect Date | Method   |
|----------|-----------------|--------|------|----------------------|----------|-----------------------------|--------------|----------|
| P2151-01 | WATER-COMP      | Water  | COD  | Conc H2SO4 to pH < 2 | PSEG03   | I51                         | 04/16/2024   | SM5220 D |

Date/Time 04/19/2024 08:15  
 Raw Sample Received by: Rmt CWC  
 Raw Sample Relinquished by: APL CWC

Date/Time 04/19/2024 09:00  
 Raw Sample Received by: 761 CWC  
 Raw Sample Relinquished by: Rmt CWC