



## Analytical Summary Report

Analysis Method: SM5220 D

ANALYST: Indiana

Parameter: COD

SUPERVISOR REVIEW BY: apatel

Run Number: LB97315

| Reagent/Standard                        | Lot/Log # |
|-----------------------------------------|-----------|
| COD ICV-LCS std, 50ppm                  | WP66477   |
| COD calibration std. 100 ppm            | WP66474   |
| COD calibration std. 10 ppm             | WP66473   |
| COD calibration std. 150 ppm            | WP66476   |
| COD calibration std. 50 ppm             | WP66475   |
| COD calibration std. 0 ppm              | WP66472   |
| COD Digestion Vials Low Level 0-150Mg/L | W2375     |
| COD ICV-LCS std, 50ppm                  | WP67046   |
| COD CCV std, 50ppm                      | WP67047   |

|                   |                      |                 |
|-------------------|----------------------|-----------------|
| Temp In (C): 150  | Date In: 08/15/2018  | Time In: 12:30  |
| Temp Out (C): 150 | Date Out: 08/15/2018 | Time Out: 14:31 |

Intercept: 0.1033

Slope: 1.0048

Regression: 1

| Seq | Lab ID | TrueValue<br>(mg/l) | DF | MATRIX | Reading | Anal Date  | Anal Time |
|-----|--------|---------------------|----|--------|---------|------------|-----------|
| 1   | CAL1   | 0                   | 1  | Water  | 0.000   | 07/26/2018 | 12:42     |
| 2   | CAL2   | 10                  | 1  | Water  | 10.000  | 07/26/2018 | 12:42     |
| 3   | CAL3   | 50                  | 1  | Water  | 51.000  | 07/26/2018 | 12:42     |
| 4   | CAL4   | 100                 | 1  | Water  | 100.000 | 07/26/2018 | 12:43     |
| 5   | CAL5   | 150                 | 1  | Water  | 151.000 | 07/26/2018 | 12:44     |



## Analytical Summary Report

Analysis Method: SM5220 D

ANALYST: Indiana

Parameter: COD

SUPERVISOR REVIEW BY: apatel

Run Number: LB97315

| Seq | Lab ID      | True Value (mg/l) | Initial Weight (g) | Final Vol (ml) | DF | MATRIX | Reading | Result | AnalDate   | AnalTime |
|-----|-------------|-------------------|--------------------|----------------|----|--------|---------|--------|------------|----------|
| 1   | ICV         | 50                |                    |                | 1  | Water  | 51.000  | 50.654 | 07/26/2018 | 12:44    |
| 2   | ICB         |                   |                    |                | 1  | Water  | 0.000   | -0.103 | 07/26/2018 | 12:45    |
| 3   | CCV1        | 50                |                    |                | 1  | Water  | 52.000  | 51.649 | 08/15/2018 | 15:35    |
| 4   | CCB1        |                   |                    |                | 1  | Water  | 0.000   | -0.103 | 08/15/2018 | 15:35    |
| 5   | LB97315BL   |                   |                    |                | 1  | Water  | 0.000   | -0.103 | 08/15/2018 | 15:36    |
| 6   | LB97315BS   | 50                |                    |                | 1  | Water  | 51.000  | 50.654 | 08/15/2018 | 15:36    |
| 7   | J4459-01    |                   |                    |                | 1  | Water  | 9.000   | 8.854  | 08/15/2018 | 15:37    |
| 8   | J4459-01DUP |                   |                    |                | 1  | Water  | 10.000  | 9.849  | 08/15/2018 | 15:37    |
| 9   | J4459-01MS  | 50                |                    |                | 1  | Water  | 60.000  | 59.611 | 08/15/2018 | 15:38    |
| 10  | J4459-01MSD | 50                |                    |                | 1  | Water  | 61.000  | 60.606 | 08/15/2018 | 15:38    |
| 11  | J4474-01    |                   |                    |                | 1  | Water  | 80.000  | 79.515 | 08/15/2018 | 15:39    |
| 12  | J4489-01    |                   |                    |                | 1  | Water  | 7.000   | 6.864  | 08/15/2018 | 15:39    |
| 13  | CCV2        | 50                |                    |                | 1  | Water  | 52.000  | 51.649 | 08/15/2018 | 15:40    |
| 14  | CCB2        |                   |                    |                | 1  | Water  | 0.000   | -0.103 | 08/15/2018 | 15:40    |

# WORKLIST(Hardcopy Internal Chain)

LB 97315

WorkList Name : COD081418

WorkList ID : 115619

Date : 8/14/2018 12:57:52 PM

| Due Date   | Matrix | Sample   | Test | Preservative  | Customer | Storage Location | Customer Sample     | Collect Date | Method   |
|------------|--------|----------|------|---------------|----------|------------------|---------------------|--------------|----------|
| 08/16/2018 | Water  | J4459-01 | COD  | Conc H2SO4 4r | PSEG01   | P63              | FRAC-TANK-SV30518L  | 08/13/2018   | SM5220 D |
| 08/17/2018 | Water  | J4474-01 | COD  | Conc H2SO4 4r | PSEG01   | K63              | FRAC-TANK-SV28570L  | 08/14/2018   | SM5220 D |
| 08/28/2018 | Water  | J4489-01 | COD  | Conc H2SO4 4r | PARS02   | P53              | SES-MS-PH4-COA-3QTR | 08/14/2018   | SM5220 D |

Date/Time 66/15/18 12:25  
 Received by: IB  
 Relinquished by: CB

Date/Time 08/15/18 14:40  
 Received by: CB  
 Relinquished by: IB