



## Analytical Summary Report

Analysis Method: SM2520B  
Parameter: Salinity  
Run Number: LB101043

ANALYST: AMANDEEP  
SUPERVISOR REVIEW BY: apatel

| Reagent/Standard       | Lot/Log # |
|------------------------|-----------|
| SALINITY STD (35 PPTh) | WP67841   |

| Seq | Lab ID      | Client ID         | True Value<br>(mg/L) | DL | Temp<br>(°C) | Initial<br>Conductance<br>(mMhos) | Final<br>Conductance<br>(mMhos) | Result<br>(PPTh) | Anal Date  | Anal<br>Time |
|-----|-------------|-------------------|----------------------|----|--------------|-----------------------------------|---------------------------------|------------------|------------|--------------|
| 1   | LB101043BL  | LB101043BL        |                      | 1  | 22.0         | 0.001                             | 0.001                           | 0.001            | 02/27/2019 | 12:25        |
| 2   | LB101043BS  | LB101043BS        | 35                   | 1  | 21.5         | 40.600                            | 43.509                          | 35.000           | 02/27/2019 | 12:31        |
| 3   | K1607-01    | REACTOR-INTERIOR- |                      | 1  | 22.0         | 0.266                             | 0.282                           | 0.227            | 02/27/2019 | 12:38        |
| 4   | K1607-02    | REACTOR-EXTERIOR- |                      | 1  | 21.2         | 0.250                             | 0.270                           | 0.217            | 02/27/2019 | 12:47        |
| 5   | K1607-02DUP | REACTOR-EXTERIOR- |                      | 1  | 21.2         | 0.249                             | 0.268                           | 0.216            | 02/27/2019 | 12:52        |

Final Conductance =  $\frac{\text{Initial Conductance}}{1 + 0.0191 (\text{Temp} - 25)}$

Result =  $\frac{(\text{Final Conductance} * 35)}{\text{Final Conductance (BS)}}$

PPTh = Part Per Thousand

LB101043

## WORKLIST(Hardcopy Internal Chain)

WorkList Name : salinity

WorkList ID : 122775

Date : 02-27-2019 10:40:44

| Due Date   | Matrix | Sample   | Test     | Preservative | Customer | Storage Location | Customer Sample       | Collect Date | Method  |
|------------|--------|----------|----------|--------------|----------|------------------|-----------------------|--------------|---------|
| 02/28/2019 | Water  | K1607-01 | Salinity | Cool 4 deg C | PSEG01   | K33              | REACTOR-INTERIOR-WATE | 02/25/2019   | SM2520B |
| 02/28/2019 | Water  | K1607-02 | Salinity | Cool 4 deg C | PSEG01   | K33              | REACTOR-EXTERIOR-WATE | 02/25/2019   | SM2520B |

Date/Time 02-27-19 10:55

Received by: AGRelinquished by: [Signature]

Date/Time 02-27-19 13:00

Received by: AGRelinquished by: AG