

#### ASSL004

Used as a diluent.

#### Composition

Sodium chloride

#### Ingredients Gms / Litre

9.000

#### Appearance:

Sterile Saline (0.9% NaCl) in Screw cap/ flip off seal in bottle/ tube

#### pH (at 25°C):

7.00

#### Principle:

Saline solution maintains the osmotic balance in microbial cells and helps to maintain the cell integrity and viability. Saline provides osmotic protection for microbial cells. Normal saline is used for preparing microbial suspensions for detection of antimicrobial agents. It is also used in the preparing of stock solutions and serial dilutions of antimicrobial agents.

#### Quantity of Medium

100 ml medium in 125 ml bottle / tube with screw cap / flip off seal

#### Cultural Response

Cultural characteristics observed after incubation at 30-35°C for 24 hours and recovery should be greater than 70%.

#### Sterilization Method

Sterilized by autoclaving at 121 °C as per validated cycle

#### Sterility Test:

Passes release criteria.

#### Shelf Life and Storage Conditions:

Use before expiry date on the label and store below 2 to 8°C.

#### Reference Pharmacopoeia:

USP/EP / BP / JP / IP