

## Product Name : Bile Salt No.3

Purified extract obtained by bovine bile.

### PHYSICO-CHEMICAL CHARACTERISTICS

	Standard
Solubility in water at 5%	Complete
pH of 5% solution	5.5-7.5
Loss on drying	≤ 5.0%
Bile acids	≥45.0%

### USE

Bile Salt No.3 is a modified fraction of biliary salts, with selective activity at least than one-third of the concentration of bile salts. It is utilized for media as MacConkey Agar (MB-M1028), Salmonella Shigella (SS) Agar Modified (MB-S1042) and Violet Red Bile Glucose Agar (MB-V1059) or Violet Red Bile Lactose Agar (MB-V1058) at concentration of 0.15% to inhibit the growth of Gram-positive organisms and spore forming bacilli without affecting the development of Gram-negative enteric -bacilli.

### DESCRIPTION

Purified extract obtained by bovine bile.

### TECHNIQUE

Bile Salts No. 3 can be used as an ingredient of dehydrated culture media and need dissolution in distilled or deionized water and sterilization by autoclaving.

### QUALITY CONTROL

Dehydrated powder

Appearance: free-flowing, homogeneous.

Color: beige.

### STORAGE

The powder is very hygroscopic: store the powder at room temperature, in a dry environment, in its original container tightly closed and use it before the expiry date on the label or until signs of deterioration or contamination are evident.

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### REFERENCE

1. Cowan, S.T., Steel, K.J. (1979) Manual for the identification of medical bacteria. Edi. Ermes.

### PACKAGING

Cat. No : MB-B1654 Bile Salt No.3	500 G
Cat. No : MB-B16545 Bile Salt No.3	5 KG