

Bile Salts N° 3

Cat. 1706

Selective inhibitory agent in bacteriological culture media.

Practical information

Applications	Categories
Detection	Enterobacteria

Industry: Ingredients for culture media

Principles and uses

Bile Salts N° 3 is a mixture of bile extracts especially prepared for use in selective media such as MacConkey Agar (Cat.1052) and Salmonella Shigella Agar (Cat.1064). It is an excellent inhibitor of Gram-positive bacteria such as streptococci and staphylococci.

Physical-chemical characteristics

Description	Specification
Loss on drying	<5%
pH (2% solution)	7,5-9
Appearance	White powder
Solubility (2% autoclaved solution)	Clear
Sodium cholate	45,0 - 55,0 %
Sodium deoxycholate	45,0 - 55,0 %
Heavy metals	-

Microbiological test

Description	Specification
Standard plate count	<5.000 col/g
Coliforms	Negative
Yeast and molds	<100 col/g
Salmonella	Negative

Storage

Temp. Min.:2 °C
Temp. Max.:25 °C