

B3301 Bile Salts

Bile Salts for bacteriology are extracted from purified fresh bile for use in bacteriological culture media as a selective inhibitory agent.¹ It is a yellowish green, homogeneous fine powder, having a characteristic bile odor. The powder freely dissolves in water. The aqueous solution is clear and yellow and produces foam when shaken. The solution remains clear after autoclaving.

Analysis

Moisture: Not more than 6.0%.

Effective Concentration: 0.25% - 0.5%

Final pH of a 1% Solution: 7-9

Applications

Bile Salts are used for example in MacConkey Agar and Broth as well as in Fluid Tetrathionate Medium to selectively inhibit bacteria which do not grow in an enteric environment.

References

1. Burman, N.P., Proc. Soc. Water Treat. Exam., 10, (1955).

Storage

The product is stored at room temperature.

Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

