

1234 – BILE SALT (STD) TBL POWDER (Culture Media Ingredient)

INTENDED USE

Bile Salt (Std) Tbl Powder is used in culture media ingredient and also recommended for Bacteriological grade.

PRODUCT SUMMARY AND EXPLANATION

Bile salt Powder, dried is a mixture of conjugated bile acids (Cholic Acid, Deoxycholic Acid, Taurocholic and Glycocholic Acids). It is a straight forward drying of Ox Bile liquid, which contains all of the constituents characteristics, found in Ox Bile . It is Yellowish brown color free flowing powder having characteristic Bile odor but not pungent smell and Soluble in distilled water and alcohol.

PRINCIPLE

Bile Salt(Std) Tbl Powder used as a selective inhibitory agent in bacteriological culture media. It is recommended for use in microbiological culture media for selective isolation and cultivation of bile tolerant enteric bacteria.

INSTRUCTION FOR USE

Bile Salt(Std) Tbl Powder used in bacteriological culture media as a selective inhibitory agent for isolation and identification of pathogens.

QUALITY CONTROL SPECIFICATIONS

Appearance	:	Yellowish brown color free flowing powder having characteristic Bile odor but not pungent smell.
Solubility (2% soln. at 25°C)	:	Soluble in distilled water and alcohol.
Clarity (2% Soln.at 121 °C)	:	Clear solution. No ppt.
pH (2% Soln. at 25 °C)	:	6.0 – 8.0
Loss on drying (at 105 °C)	:	NMT – 5.0%
Microbial Parameter	:	Passes Test
Culture Response	:	Bile Salt 0.5% used as ingredient in MacConkey Agar (TM332) Culture response observed after an incubation at 35-37°C for 18-24 hours.

INTERPRETATION

Culture characteristics observed after inoculating 50-100 CFU, for incubation period of 18 - 72 hours at 30 - 35°C, for bacteria and up to 5 days at 20 - 25°C for fungi.

Microorganism	ATCC	Inoculum (CFU/ml)	Growth
<i>Escherichia coli</i>	8739	80	Luxuriant
<i>Staphylococcus aureus</i>	6538	83	Luxuriant
<i>Pseudomonas aeruginosa</i>	9027	77	Luxuriant
<i>Bacillus subtilis</i>	6633	79	Luxuriant
<i>Salmonella typhimurium</i>	14028	81	Luxuriant
<i>Streptococcus pneumoniae</i>	6305	84	Luxuriant
<i>Candida albicans</i>	10231	80	Luxuriant

PACKAGING:

Standard packing is 100gm, 500gm in plastic bottle. After packing tightly closed in a dry and well-ventilated place.

STORAGE

Keep plastic bottle tightly closed in a dry and well-ventilated place, Store in cool place. Use before expiry date on label. On opening, product should be properly stored in dry ventilated area protected from extremes of temperature and sources of ignition. Seal the plastic bottle after use.

Product Deterioration: Do not use product if any contamination, discoloration or other sign of deterioration is found.

DISPOSAL

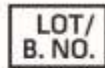
After use, contact a licenced professional waste disposal service to dispose of this material. Dispose of as unused product.

REFERENCES

1. Vanderzant, C., and D. F. Splittstoesser (eds.). 1992. Compendium of methods for the microbiological examination of food, 3rd ed. American Public Health Association, Washington, D.C.
2. .



Quantity



Lot / Batch Number



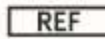
Temperature Unit



Best Before



QR
Code



Catalogue No.



Consults Instructions for use :



Manufacturer

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

***For Lab Use Only**
Revision: 05th Oct. 2019