

**BI672**

**BILE SALTS MIXTURE**

**Specifications**

**Appearance** : Cream to faint yellow color powder with characteristic odor

Moisture : Not more than 6.0%

Bile salts : Not less than 45%  
(expressed as cholic acid )

**Clarity (2% solution)** : Clear

**pH (2% solution)** : 4.5 – 6.5

**Microbial Load:(CFU/g)**

Total aerobic microbial count by plate method when incubated at 30-35 °c for 48 hours

**Bacterial count** : NMT 5000

Total Yeast and mold count by plate method when incubated at 20-25 °c for 120 hours

**Yeast and mold count** : NMT 250

**Test for specific organisms**

E.coli : Absent

Salmonella species : Absent

Pseudomonas aeruginosa : Absent

Staphylococcus aureus : Absent

**Application**

For preparation of MacConkey agar, SS agar, Violet Red bile agar as it selectively inhibits Gram-positive and spore-bearing microorganisms without interfering growth of enteric bacteria.

**Precaution**

1. For Laboratory Use
2. Follow proper, established laboratory procedures in handling and disposing of infectious materials.

**Storage** : Below 30<sup>0</sup>c in cool, dry place.

**Packing** : 500 g