



50362

Bile Salts BactoBio for bacteriology

Part D

Specifications	
Appearance (Colour)	Yellowish green
Appearance (Form)	Free flowing, homogeneous powder
Solubility (Colour) 2% aq. solution	Yellow, clear
Clarity of solution	1% w/v aq. solution is clear and free from extraneous matter
pH (25°C)	5.5 - 7.0 (2%)
Stability (After autoclaving)	Yellow, clear without any precipitate or scum on the surface of the solution
Loss on drying	5.0%
Total Aerobic microbial count	(By Plate Count Method) : = 10, 000 cfu/gm
Cultural Response	Inoculated and incubated at 37°C for 18 - 24 hours. (MacConkey Agar prepared using Bile Salts as ingredient)
Organism	Escherichia coli ATCC 25922 (pink to red colonies with bile precipitate)
Inoculum (cfu) 10-100	Growth : Good
Organism	Salmonella typhimurium ATCC 14028 (colourless colonies)
Inoculum (cfu) 10-100	Growth : Good
Organism	Staphylococcus aureus ATCC 25923
Inoculum (cfu) 10-100	Growth : Inhibited
Deoxycholic acid-sodium salt	~ 50.00%
Cholic acid-sodium salt	~ 50.00%
Substance insoluble in 84% ethanol	0.1%

Other Information

Applications

Used in microbiological culture media as a selectively inhibitory agent.

General Information

Storage	8 to 25°C (Cool & Dry Area)
Shelf Life	36 Months
IMDG Identification	Not Regulated for Transport (Non-Haz)
HSN Code	
100 Gms	38210000 (GST 18%)
500 Gms	38210000 (GST 18%)
Type of Packing	

100 Gms	Plastic Bottle
500 Gms	Plastic Bottle

Available Packages
100 Gms
500 Gms

Disclaimer

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