BILE ESCULIN AZIDE BROTH

A selective and differential medium for the differentiation of enterococci and Group D streptococci.

Dehydrated media	
Code number:	500 g: BIB20500, 5 kg: BIB25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	6,9 – 7,3

Direction: Suspend **43 g** in one litre of distilled water and heat gently to dissolve the medium completely. Dispense into final containers and sterilise by autoclaving at 105 °C for 1 minutes.

Warning!
The medium is heat sensitive.
No further sterilisation is necessary or desirable.

Prepared media	
Bottled media:	100 ml: BIB30100, 500 ml: BIB30500
Tubed media:	150 x 15 mm: BIB40010 (10 ml)
Colour:	Yellowish
pH (25 °C):	7,0 – 7,2

Direction: Dispense the bottled media aseptically into sterile final containers. Media in tubes are ready to use.

FORMULA in g/l

Peptones	25,25
Bacteriological bile	10,00
Sodium chloride	5,00
Sodium citrate	1,00
Ferric citrate	0,50
Sodium azide	0,25
Esculin	1,00

Note: The typical formula can be adjusted to obtain optimal performance.

Storage conditions: Store the dehydrated media tightly closed in a dry place at room temperature. Store the bottled and tubed media protected from light at room temperature. Use before the expiry date on the label.

Quality control:

Test strains	Incubation temp: 37 °C	**Growth**	Incubation time: 24 h
Enterococcus faecalis	ATCC 29212	Good, colour change to black	
Escherichia coli	ATCC 25922	Inhibited	
Streptococcus pyogenes	ATCC 19615	Inhibited	

References: Isenberg et al. (1970) Appl. Microbiol. 20: 433.

For professional use only!