

EUGON LT 100 BROTH BASE

A neutralising medium for the preparation and enrichment of test samples in the cosmetic industries according to ISO 21149.

Dehydrated media	
Code number:	500 g: EUB20500, 5 kg: EUB25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	6,8 – 7,2

Direction: Suspend **32 g** in one litre of distilled water. Add **5 ml of TWEEN 80 Supplement (TWS80500)** and **1 ml of TRITON X-100 Supplement (TXS80100)**. Mix well and keep the suspension at about 40 - 50 °C until the lecithin dissolves completely (20 – 30 min). The dissolution is completed, when the medium is yellowish and slightly turbid, but exempt from any precipitate. Dispense into final containers. Sterilise by autoclaving at 121 °C for 15 minutes.

Warning!
Mix thoroughly before use!

Prepared media	
Bottled media:	100 ml: EUB30100, 500 ml: EUB30500
Tubed media:	150 x 15 mm: EUB40010 (10 ml)
Colour:	Yellowish, homogeneous turbid
pH (25 °C):	6,9 – 7,1

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

Warning!

At the bottom of the containers some separation of TWEEN might be observed which has no effect on the quality of the medium. Shaking the containers it disappears.

FORMULA in g/l

Casein peptone	15,6
Soya peptone	5,0
L-Cysteine	0,7
Glucose	5,5
Sodium chloride	4,0
Sodium sulphite	0,2
Egg lecithin	1,0

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
<i>Escherichia coli</i>	ATCC 25922	Good	
<i>Pseudomonas aeruginosa</i>	ATCC 27853	Good	
<i>Staphylococcus aureus</i>	ATCC 29213	Good	
<i>Candida albicans</i>	ATCC 10231	Good	

References: ISO 21149: 2009

In vitro diagnostic – for professional use only!