

EUGON LT 100 AGAR 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: EUA20500, 5 kg: EUA25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	6,8 - 7,2

Direction: Suspend **45 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. Heat with frequent agitation until the medium boils well. Sterilise by autoclaving at 121 °C for 15 minutes.

Warning!

Mix thoroughly before pouring!

Prepared media	
Bottled media:	100 ml: EUA30100, 500 ml: EUA30500
Plated media in normal Petri-dishes:	55 mm: EUA50055, 90 mm: EUA50090
Plated media in contact Petri-dishes:	65 mm: EUA50065
Colour:	Yellowish, homogeneous turbid
pH (25 °C):	6,9 - 7,1

Direction: Dispense the melted bottled media aseptically into sterile final containers. **Warning!** Mix thoroughly before pouring! Media in Petri-dishes are ready to use.

FORMULA in g/l

Casein peptone	15,0
Soya peptone	5,0
L-Cysteine	0,7
Glucose	5,5
Sodium chloride	4,0
Sodium sulphite	0,2
Egg lecithin	1,0
Agar	13,6

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 media protected from light at room temperature. Store the plated media protected from light at 2-8 °C. 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!