

NUTRIENT AGAR, ISO

A non-selective general-purpose medium for the cultivation of non-fastidious micro-organisms according to several ISO standards.

Dehydrated media	
Code number:	500 g: NUI20500, 5 kg: NUI25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	6,8 – 7,2

Direction: Suspend **28 g** in one litre of distilled water and heat with frequent agitation until the medium boils well. Sterilise by autoclaving at 121 °C for 15 minutes.

Prepared media	
Bottled media:	100 ml: NUI30100, 500 ml: NUI30500
Plated media:	55 mm: NUI50055, 90 mm: NUI50090
Colour:	Yellowish
pH (25 °C):	6,9 – 7,1

Direction: Dispense the melted bottled media aseptically into sterile Petri-dishes. Media in Petri-dishes are ready to use.

FORMULA in g/l

Peptone	5
Beef extract	3
Sodium chloride	5
Agar	15

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>Staphylococcus aureus</i>	ATCC 29213	Good	

References: ISO 6579-1 : 2017
 ISO 6579-3 : 2014
 ISO 10273 : 2017
 ISO 21528-1: 2017
 ISO 21528-2: 2017

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