

## NUTRIENT AGAR, ISO

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

<b>Dehydrated media</b>	
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 **23 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.

<b>Prepared media</b>	
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
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:

<b>Test strains</b>	Incubation temp: 37 °C	<b>Growth</b>	Incubation time: 24 h
<i>Escherichia coli</i>	ATCC 25922	Good	
<i>Staphylococcus aureus</i>	ATCC 29213	Good	

**References:** ISO 21528-1: 2017  
 ISO 21528-2: 2017  
 ISO 6579-3: 2014  
 ISO 10273: 2004  
 ISO 19250: 2013

**In vitro diagnostic – for professional use only!**