

## NUTRIENT AGAR, DEV

A non-selective medium for the determination of total microbial count of water according to DEV.

<b>Dehydrated media</b>	
Code number:	500 g: NUD20500, 5 kg: NUD25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	7,1 – 7,5

**Direction:** Suspend **43 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: NUD30100, 500 ml: NUD30500
Plated media:	55 mm: NUD50055, 90 mm: NUD50090
Colour:	Yellowish
pH (25 °C):	7,2 – 7,4

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

### FORMULA in g/l

Meat peptone	10
Meat extract	10
Sodium chloride	5
Agar	18

**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:** DEV

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