

ÖNÖZ AGAR

A selective and differential medium for the isolation of enteric micro-organisms, especially *Salmonella* and some *Shigella* spp.

Dehydrated media	
Code number:	500 g: ONO20500, 5 kg: ONO25000
Colour:	Beige
Appearance:	Homogeneous hygroscopic powder
pH before sterilization (25 °C):	6,9 - 7,3

Direction: Suspend **81 g** in one litre of distilled water and heat with frequent agitation until the medium boils well. Cool quickly! Mix well before pouring.

Warning!

The medium is heat sensitive.
No further sterilisation is necessary or desirable.

Prepared media	
Bottled media:	100 ml: ONO30100, 500 ml: ONO30500
Plated media:	55 mm: ONO50055, 90 mm: ONO50090
Colour:	Green
pH (25 °C):	7,0 - 7,2

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

FORMULA in g/l

Peptones	16,50000
Bile salts	3,82500
L-Phenylalanine	5,00000
Sucrose	13,00000
Lactose	11,50000
Sodium citrate	9,30000
Sodium thiosulphate	4,25000
Ferric citrate	0,50000
Magnesium sulphate	0,40000
Metachrome yellow	0,47000
Aniline blue	0,25000
Neutral red	0,02200
Brilliant green	0,00166
Buffers	1,00000
Agar	15,00000

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	Partially inhibited, blue colonies	
<i>Salmonella typhimurium</i>	ATCC 14028	Good, black colonies with yellowish halo	
<i>Proteus mirabilis</i>	ATCC 29906	Good, dark brown colonies with brown halo	
<i>Enterococcus faecalis</i>	ATCC 29212	Inhibited	

References: Önöz (1978) Zbl. Bakt. Hyg. A240: 16.

In vitro diagnostic - for professional use only!