WORT AGAR BASE

A selective medium for the cultivation and enumeration of yeasts.

Dehydrated media	
Code number:	500 g: WOA20500, 5 kg: WOA25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	4,6 – 5,0

Direction: Suspend **49 g** in one litre of distilled water. Add **2,5 ml of Glycerol Supplement (GLC80100)** and heat with frequent agitation until the medium boils well. Sterilise by autoclaving at 115 °C for 15 minutes. Cool quickly!

Warning!

The medium is heat sensitive.
No further sterilisation is necessary or desirable.
The ready medium is slightly turbid, but exempt from any precipitation.

Prepared media	
Bottled media:	100 ml: WOA30100, 500 ml: WOA30500
Plated media:	55 mm: WOA50055, 90 mm: WOA50090
Colour:	Yellowish, slightly turbid
pH (25 °C):	4,7 – 4,9

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

Warning!

Melt and cool the medium quickly! Prolonged heating diminish the gel strength of the agar.

FORMULA in g/l

Peptones	1,00
Malt extract	15,00
Maltose	12,75
Dextrin	2,75
Ammonium chloride	1,00
Buffers	1,50
Agar	15,00

Note: The typical formula can be adjusted to obtain optimal performance.

Storage conditions: Store the dehydrated medium 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: 25 °C	**Growth**	Incubation time: 48 h
Saccharomyces cerevisiae ATCC 9763		Good	
Escherichia coli ATCC 25922		Inhibited	

References: Parfitt (1933) J. Dairy Sci. 16: 141.

For professional use only!