

## BAIRD-PARKER AGAR BASE, PH EUR

A selective and differential medium for the isolation and enumeration of *Staphylococcus aureus* according to PH EUR (Agar Medium O).

Dehydrated media	
Code number:	500 g: BPA20500, 5 kg: BPA25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	6,6 – 7,0

**Direction:** Suspend **60 g** in 950 ml of distilled water and heat with frequent agitation until the medium boils well. Sterilise by autoclaving at 121 °C for 15 minutes. Cool to 50 °C and add aseptically **50 ml of Sterile Egg Yolk Tellurite Emulsion (EYT80050)**. Mix well before pouring.

Prepared media	
Bottled media bases:	100 ml: BPA30100, 500 ml: BPA30500
Plated media:	55 mm: BPA50055, 90 mm: BPA50090
Colour of bottled media bases:	Yellowish, transparent
Colour of plated media:	Yellowish, homogeneous turbid
pH (25 °C):	6,7 – 6,9

**Direction:** Supplement the melted bottled media bases according to the direction of the dehydrated media and dispense aseptically into sterile Petri-dishes. Media in Petri-dishes are ready to use.

### FORMULA in g/l

Casein peptone	10
Beef extract	5
Yeast extract	1
L-Glycine	12
Sodium pyruvate	10
Lithium chloride	5
Agar	17

**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: 48 h
<i>Staphylococcus aureus</i>	ATCC 29213	Good, black colonies with double zones	
<i>Staphylococcus epidermidis</i>	ATCC 12228	Moderate, black colonies without zones	
<i>Escherichia coli</i>	ATCC 25922	Inhibited	

References: European Pharmacopoeia

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