

## ASPARAGINE BROTH BASE

A selective medium for the enumeration and detection of *Pseudomonas aeruginosa*.

Dehydrated media	
Code number:	500 g: ASB20500, 5 kg: ASB25000
Colour:	White
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	6,8 – 7,2

**Direction:** Suspend **4,5 g** in one litre of distilled water. Add **8 ml of Glycerol Supplement (GLC80100)**. Mix well and heat gently to dissolve the medium completely. Dispense into final containers and sterilise by autoclaving at 121 °C for 15 minutes.

Prepared media	
Bottled media:	100 ml: ASB30100, 500 ml: ASB30500
Tubed media:	150 x 15 mm: ASB40010 (10 ml)
Colour:	Water clear
pH (25 °C):	6,9 – 7,1

**Direction:** Dispense the bottled media aseptically into sterile final containers. Media in tubes are ready to use.

### FORMULA in g/l

DL Asparagine	3,0
Magnesium sulphate	0,5
Buffers	1,0

**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 and tubed media protected from light at room temperature. Use before the expiry date on the label.

#### Quality control:

Test strains	Incubation temp: 37 °C	Growth	Incubation time: 48 h
<i>Pseudomonas aeruginosa</i> ATCC 27853		Good	
<i>Escherichia coli</i> ATCC 25922		Inhibited	

**References:** APHA (2005) Standard Methods for the Examination of Water and Wastewater, 21<sup>st</sup> ed.

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