

ACETAMIDE BROTH

A synthetic differential medium for the enrichment and differentiation of *Pseudomonas aeruginosa* according to ISO 16266.

Dehydrated media	
Code number:	500 g: ACB20500, 5 kg: ACB25000
Colour:	White
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	6,8 – 7,2

Direction: Suspend **3,4 g** in one litre of distilled water and heat gently to dissolve the medium completely. Dispense into test tubes and sterilise by autoclaving at 121 °C for 15 minutes.

Prepared media	
Bottled media:	100 ml: ACB30100, 500 ml: ACB30500
Tubed media:	100 x 12 mm: ACB40003 (3 ml)
Colour:	Water clear
pH (25 °C):	6,9 – 7,1

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

FORMULA in g/l

Acetamide	2,0000
Sodium chloride	0,2000
Magnesium sulphate anhydrous	0,2000
Sodium molybdate	0,0050
Ferrous sulphate x 7 H ₂ O	0,0005
Potassium phosphate, monobasic	1,0000

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: 24 h
<i>Pseudomonas aeruginosa</i> ATCC 27853		Good, yellow colour with Nessler's reagent	
<i>Escherichia coli</i> ATCC 25922		Inhibited, no colour change with Nessler's reagent	

References: ISO 16266:2008

In vitro diagnostic – for professional use only!