

SCHAEDLER BROTH

A non-selective enrichment medium for the general cultivation of anaerobe bacteria.

Dehydrated media	
Code number:	500 g: SAB20500, 5 kg: SAB25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	7,4 – 7,8

Direction: Suspend **29 g** in one litre of distilled water 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: SAB30100, 500 ml: SAB30500
Tubed media:	150 x 15 mm: SAB40010 (10 ml)
Colour:	Yellowish
pH (25 °C):	7,5 – 7,7

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

FORMULA in g/l

Nutrient substrate (peptones, extracts)	18,000
L-Cysteine	0,400
Glucose	5,800
Sodium chloride	1,700
Hemin	0,010
Vitamin K3	0,001
Buffers	3,100

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>Bacteroides fragilis</i>	ATCC 25285	Good (under anaerobic conditions)	
<i>Clostridium pefringens</i>	ATCC 13124	Good (under anaerobic conditions)	

References: Schaedler et al. (1965) J. Exp. Med. 122: 59.

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