

YERSINIA (PSB) BROTH

A selective enrichment medium for the detection of *Yersinia enterocolitica* according to ISO 10273

Dehydrated media	
Code number:	500 g: YPS20500, 5 kg: YPS25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	7,4 – 7,8

Direction: Suspend **31 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: YPS30100, 500 ml: YPS30500
Tubed media:	150 x 15 mm: YPS40010 (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

Casein peptone	5,00
Bile salts	1,50
Sorbitol	10,00
Sodium chloride	5,00
Sodium phosphate, monobasic x 1 H ₂ O	1,20
Sodium phosphate, dibasic	8,23

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: 25 °C	Growth	Incubation time: 48 h
<i>Yersinia enterocolitica</i>	ATCC 27729	Good	
<i>Staphylococcus aureus</i>	ATCC 29213	Inhibited	

References: ISO 10273:2017

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