

SPS AGAR

A selective and differential medium for the detection of thermophilic anaerobes, producing hydrogen sulphite.

Dehydrated media	
Code number:	500 g: SPS20500, 5 kg: SPS25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	6,9 - 7,3

Direction: Suspend **40 g** in one litre of distilled water and heat with frequent agitation until the medium boils well. Dispense into test tubes and sterilise by autoclaving at 115 °C for 15 minutes.

Warning!

The medium is heat sensitive.
No further sterilisation is necessary or desirable.

Prepared media	
Bottled media:	100 ml: SPS30100, 500 ml: SPS30500
Tubed media:	150 x 15 mm: SPS40010 (10 ml)
Colour:	Yellowish
pH (25 °C):	7,0 - 7,2

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

FORMULA in g/l

Peptones	25,00
Ferric ammonium citrate	0,50
Sodium metabisulphite	0,50
Sulfadiazine	0,12
Polymyxin B	0,01
Agar	13,90

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 tubed media protected from light at 2-8 °C. Use before the expiry date on the label.

Quality control:

Test strains	Incubation temp: 44 °C	Growth	Incubation time: 48 h
<i>Clostridium perfringens</i> ATCC 13124		Good, colour change to black (under anaerobic conditions)	

References: Angelotti et al. (1962) J. Appl. Microbiol. 10: 193.

In vitro diagnostic – for professional use only!