

## TSN AGAR

A selective and differential medium for the selective isolation of *Clostridium perfringens*.

Dehydrated media	
Code number:	500 g: TSN20500, 5 kg: TSN25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	6,8 – 7,2

**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 10 minutes.

### Warning!

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

Prepared media	
Bottled media:	100 ml: TSN30100, 500 ml: TSN30500
Tubed media:	150 x 15 mm: TSN40010 (10 ml)
Colour:	Yellowish
pH (25 °C):	6,9 – 7,1

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

## FORMULA in g/l

Peptones	25,00
Sodium sulphite	1,00
Ferric citrate	0,50
Neomycin	0,05
Polymyxin B	0,02
Agar	13,50

**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:** Marshall et al. (1965) Appl. Microbiol. 13: 559.

**For professional use only!**