

## TRYPTIC SOY AGAR + NaCl 3%

Medium for detection of *Vibrio parahaemolyticus* from seafood.

TYPICAL FORMULA	(g/l)
Tryptone	15.0
Soytone	5.0
Sodium Chloride	30.0
Agar	15.0
Final pH 7.3 ± 0.2	

### DESCRIPTION

TRYPTIC SOY AGAR + NaCl 3% is a medium used for detection of *Vibrio parahaemolyticus* from seafood.

### PRINCIPLE

Tryptone and soytone are sources of nitrogen, carbon, sulphur and other essential growing factors. The high content of sodium chloride is required for *Vibrio parahaemolyticus* survival. Agar is the solidifying agent.

### TECHNIQUE

Inoculate the plates by streaking the sample to examine onto the surface of the medium using a sterile loop in order to isolate single colonies. Incubate the plates at 36±1°C for 18-24 hours.

### INTERPRETATION OF RESULTS

Observe for the formation of colonies.

### STORAGE

10-25°C away from light, until the expiry date on the label or until signs of deterioration or contamination are evident.

### WARNING AND PRECAUTIONS

The product does not contain hazardous substances in concentrations exceeding the limits set by current legislation and therefore is not classified as dangerous. It is nevertheless recommended to consult the safety data sheet for its correct use. The product is designed for professional use only and must be used by properly trained operators.

### DISPOSAL OF WASTE

Disposal of waste must be carried out according to the national and local regulations in force.

### REFERENCES

1. Swanson, K.J., F.F. Busta, E.H. Peterson, and M.G. Johnson (1992). Colony Count Methods, p. 75-95.
2. Ray B., S.M. Hawkins, and C.R. Hackney (1978) Method for the Detection of Injured *Vibrioparahaemolyticus* in Seafoods Applied and Environment Aal Microbiology, p. 1121-1127.
3. Covert, D. and M Woodburn (1972) Relationships of Temperature and Sodium Chloride Concentration to the Survival of *Vibrio parahaemolyticus* in Broth and Fish Homogenate. Applied Microbiology, p. 321-325.



## PRODUCT SPECIFICATIONS

### NAME

TRYPTIC SOY AGAR + NaCl 3%

### PRESENTATION

Ready-to-use plates (90 mm) containing 22±/-1 ml of medium

### STORAGE

10-25°C

### PACKAGING

Ref.	Content	Packaging
10009	20 plates (90 mm)	<ul style="list-style-type: none"> <li>• 10 plates in thermally soldered film</li> <li>• 2 x 10 plates in cardboard box</li> </ul>

### pH OF THE MEDIUM

7.3 ± 0.2

### USE

TRYPTIC SOY AGAR + NaCl 3% is a medium used for detection of *Vibrio parahaemolyticus* from seafood

### TECHNIQUE

Refer to technical sheet of the product

### APPEARANCE OF THE MEDIUM

Amber medium, clear or slightly opalescent

### SHELF LIFE

6 months

### QUALITY CONTROL

1. Control of general characteristics, label and print
2. Sterility control  
7 days at 22 ± 1°C, in aerobiosis  
7 days at 36 ± 1°C, in aerobiosis
3. Microbiological control  
Inoculum for productivity: 10-100 UFC/ml  
Incubation Conditions: 18-24 h at 36 ± 1°C, in aerobiosis

### Microorganism

*Vibrio parahaemolyticus* ATCC® 17802  
*Escherichia coli* ATCC® 25923

### Growth

Good  
Inhibited

### TABLE OF SYMBOLS

 LOT	Batch code	 Do not reuse	 Manufacturer	 Use by	 Fragile, handle with care
 REF	Catalogue number	 Temperature limitation	 Contains sufficient for <n> tests	 Caution, consult instructions for use	



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