

# Egg Yolk Emulsion



Supplement used for the cultivation and identification of lecithinase producing bacteria.

\*Equally use with MFDS (MB-E1864K).

## • CONTENTS

(each vial is sufficient for 1 L of medium)

Egg Yolk	25 mL
Saline, sterile	25 mL

**Storage condition** : Store in the dark, 2 to 6°C

## • PROCEDURE

Suspend 46.03 G of MYP (Mannitol Egg Yolk Polymyxin) Agar (MB-M1390) in 900 mL of distilled or deionized water. Heat to boiling until completely dissolved. Sterilize by autoclave at 121°C for 15 minutes. Cool to 45 - 50°C in water bath. Aseptically add 50 mL of Egg Yolk Emulsion and 2 vials of Polymyxin B supplement (MB-P0816). Mix well. Pour into petri dishes.

## • INTERPRETATION

Egg Yolk Emulsion is a supplement used for the cultivation and identification of lecithinase producing bacteria.

## • QUALITY CONTROL FOR USE

Appearance : opaque with precipitates

Color : yellow

Incubation conditions : 30 ± 2°C / 18 - 48 hours

Microorganism	ATCC	Inoculum CFU	Growth	Characteristics
<i>Bacillus cereus</i>	11778	50-100	good	bright pink colonies with precipitates
<i>Staphylococcus aureus</i>	25923	50-100	good	yellow colonies
<i>Escherichia coli</i>	25922	≥10 <sup>3</sup>	inhibited	-

## • STORE

Store the supplement at 2 - 6°C in its original package tightly closed and use it before the expiry date on the label. Keep away from sources of heat and avoid excessive changes of temperature.

## • REFERENCES

1. Willis A. T. (1977) Anaerobic Bacteriology 3rd Edn. Butterworths, London.
2. IeNAN. (1982). Técnicas para el Análisis Microbiológico de Alimentos y Bebidas. Madrid.
3. MOSSEL, D.A.A., KOOPMAN, M.J., JONGERIUS, E. (1967) Appl. Microbiol. 15, 650-653.
4. Refer to the MFDS.

## • PACKAGE

Cat. No : MB-E1864-50ml Egg Yolk Emulsion	1 vial
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