

# COLECCIÓN ESPAÑOLA DE CULTIVOS TIPO (CECT)



Parc Científic Universitat de València  
Catedrático Agustín Escardino, 9  
46980 Paterna (Valencia). España  
Tel.: +34 96 354 46 12  
<http://www.cect.org>



## CM-3 MEDIUM. CECT 37

- $(\text{NH}_4)_2\text{SO}_4$  1.30 g
- $\text{KH}_2\text{PO}_4$  1.50 g
- $\text{K}_2\text{HPO}_4 \times 3 \text{H}_2\text{O}$  2.90 g
- $\text{FeSO}_4 \times 7 \text{H}_2\text{O}$  (0.1% w/v in 0.1 N  $\text{H}_2\text{SO}_4$ ) 1.25 ml
- Yeast extract 2.00 g
- Resazurin (0.1% w/v) 1 ml
- $\text{MgCl}_2 \cdot 6\text{H}_2\text{O}$  0.20 g
- $\text{CaCl}_2$  0.15 g
- Cellobiose 6.00 g
- Sodium citrate 1.5 g
- L-Cysteine-HCl 0.5 g\*
- Agar powder (only for solid media) 10.00 g
- Distilled water 1 L

Adjust pH to 7.2.

\*Prior to inoculation add 100  $\mu\text{l}$  L-cysteine-HCl /10 ml medium, from a 5 % (w/v) solution of L-cysteine-HCl sterilized by filtration.

Another cellulose substrates that can be used are Avicel (microcrystalline cellulose), cellulose powder Whatman CF-11 (both in concentration of 5 g/l) and strips of filter paper Whatman n ° 1 (6 x 1 cm). This last substrate was used for liquid media.