

COLECCIÓN ESPAÑOLA DE CULTIVOS TIPO (CECT)



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VNIVERSITAT
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Escherichia sp. MEDIUM. CECT 16

- Casein hydrolysate 6.00 g
- K_2HPO_4 0.20 g
- $MgSO_4 \cdot 7H_2O$ 0.20 g
- $FeSO_4 \cdot 7H_2O$ 2.00 mg
- Glycerol 2.00 ml
- L-Asparagine 0.15 g
- Vitamin B₁₂ (see below) 10.00 ml
- Agar powder 15.00 g
- Distilled water 1.0 L

Dissolve the ingredients in 700 ml distilled water with gentle heating in the order given above. Use a few drops of HCl to dissolve the asparagine and adjust pH to 7.0. Filter. Add glycerol and agar. Steam to dissolve, distribute and sterilize in autoclave at 121 ° C for 15 min. Allow to set in a slanted position.

Vitamin B₁₂ (cyanocobalamin) solution

- Vitamin B₁₂ 0.4 mg
- Distilled water 10 ml