

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>



VNIVERSITAT
DE VALÈNCIA

Rhodospirillaceae MEDIUM (modified). CECT 196

- Yeast extract 0.30 g
- Ethanol 0.50 ml
- Na₂-succinate 1.00 g
- (NH₄)-acetate 0.50 g
- Fe III citrate solution (0.1% w/v in water) 5.00 ml
- KH₂PO₄ 0.50 g
- MgSO₄·7H₂O 0.40 g
- NaCl 0.40 g
- NH₄Cl 0.40 g
- CaCl₂·2H₂O 0.05 g
- B₁₂ vitamin solution (10 mg in 100 ml of water) 1 ml
- Trace elements solution SL-6 1 ml
- Distilled water up to 1 L

Adjust pH to 6.8. Distribute the medium in 12-15 ml tubes with screw cap. Fill the tubes up to 1 cm from the top. Autoclave them at 121 ° C for 20 min with the cap slightly open. Fill the tubes completely, add 0.01 ml of 0.50% sterile cysteine and close immediately after autoclaving.

Trace elements solution SL-6

- ZnSO₄·7H₂O 0.10 g
- MnCl₂·4H₂O 0.03 g
- H₃BO₃ 0.30 g
- CoCl₂·2H₂O 0.20 g
- CuCl₂·2H₂O 0.10 g
- NiCl₂·6H₂O 0.02 g
- Na₂MoO₄·2H₂O 0.03 g
- Distilled water 1 L