

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>



Rhodospirillaceae MEDIUM. CECT 99

- KH_2PO_4 0.50 g
- $\text{MgSO}_4 \cdot 7\text{H}_2\text{O}$ 0.20 g
- NaCl 0.40 g
- NH_4Cl 0.40 g
- $\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$ 0.05 g
- Succinic acid 1.00 g
- Yeast extract 0.20 g
- Fe-citrate solution (0.10 g/100 ml) 5 ml
- Trace element solution SL-7 1.00 ml
- Cyanocobalamin (Vitamin B_{12}) (1 mg/100 ml) 1.00 ml
- Distilled water 1 L

Trace elements solution SL-7:

- HCl (25%) 1 ml
- ZnCl 70 mg
- $\text{MnCl}_2 \cdot 4\text{H}_2\text{O}$ 100 mg
- H_3BO_3 60 mg
- $\text{CoCl}_2 \cdot 6\text{H}_2\text{O}$ 200 mg
- $\text{CuCl}_2 \cdot 2\text{H}_2\text{O}$ 20 mg
- $\text{NiCl}_2 \cdot 6\text{H}_2\text{O}$ 20 mg
- $\text{NaMoO}_4 \cdot 2\text{H}_2\text{O}$ 40 mg
- Distilled water 1 L

Adjust pH to 6.8.

Dispense in screw cap tubes and sterilize at 120 ° C for 30 min with loose caps. The tubes are tightly closed after cooling at room temperature and can be stored for several months.