

COLECCIÓN ESPAÑOLA DE CULTIVOS TIPO (CECT)



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Natronomonas pharaonis MEDIUM IV. CECT 158

- NaCl 200.00 g
- KCl 1.00 g
- Na₂CO₃ 5.00 g
- NH₄Cl 1.00 g
- MgSO₄·7H₂O 0.24 g
- CaSO₄·2H₂O 0.17 g
- KH₂PO₄ 1.00 g
- Disodium glutamate 1.00 g
- Trace elements SL-10 1 ml
- Yeast extract 5.00 g
- Casamino acids 5.00 g
- Agar powder (only for solid medium) 20 g
- Distilled water up to 1 L

Adjust pH to 6.5 before autoclaving. Sterilize Na₂CO₃ separately and mix after cooling. Check final pH to 9.0-9.5.

Trace elements solution SL-10

- HCl (25%) 10 ml
- FeCl₂·4H₂O 1.5 g
- ZnCl₂ 70 mg
- MnCl₂·4H₂O 100 mg
- H₃BO₃ 6 mg
- CoCl₂·6H₂O 190 mg
- CuCl₂·2H₂O 2 mg
- NiCl₂·6H₂O 24 mg
- Na₂MoO₄·2H₂O 36 mg
- Distilled water 990 ml

First dissolve FeCl₂ in HCl, then dilute in water, add and dissolve the other salts. Finally make up to 1 L.