

Media for Charales

1/3 Herbst ASW

NaCl	3.0 mg
KCl ¹⁾	81.4 mg
CaCl ₂ ¹⁾	132 mg
MgSO ₄ ¹⁾	660 mg
NaHCO ₃ ¹⁾	504 mg
Distilled water	100 mL

- 1) In the NIES-Collection, the amount of KCl is reduced from 81.4 mg to 80.0 mg, 132 mg CaCl₂ is replaced by 172 mg CaCl₂ · 2H₂O, 660 mg MgSO₄ is replaced by 1.35 g MgSO₄ · 7H₂O, and the amount of NaHCO₃ is reduced from 504 mg to 49.5 mg.

Reference

Okazaki, Y., Shimmen, T., Tazawa, M. 1984 Turgor regulation in a brackish charophyte, *Lamprothamnium succinctum* I. Artificial modification of intracellular osmotic pressure. *Plant Cell Physiol.*, **25**, 565-571.