

Media for freshwater, terrestrial, hot spring and salt water algae

MW

Urea	0.85 mg
NaNO ₃	0.17 mg
NH ₄ Cl	0.042 mg
Ca(NO ₃) ₂ · 4H ₂ O	10 mg
CaCO ₃	1 mg
CaCl ₂ · 2H ₂ O	1.4 mg
KNO ₃	1 mg
KHCO ₃	0.9 mg
β -Na ₂ glycerophosphate · 5H ₂ O	2 mg
MgSO ₄ · 7H ₂ O	1.5 mg
PIV metals	0.05 mL
Vitamin B ₁₂	0.02 μ g
Thiamine HCl	2 μ g
Biotin	0.02 μ g
Glycylglycine	10 mg
Distilled water	100 mL
pH 7.2	

Reference

Sako, Y., Ishida, Y., Kadota, H., Hata, Y. 1984 Sexual reproduction and cyst formation in the freshwater dinoflagellate *Peridinium cunningtonii*. *Bull. Jpn. Soc. Sci. Fish.*, **50**, 743-750.

P IV metals

Na ₂ EDTA · 2H ₂ O	100 mg
FeCl ₃ · 6H ₂ O	19.6 mg
MnCl ₂ · 4H ₂ O	3.6 mg
ZnCl ₂ ¹⁾	1.04 mg
CoCl ₂ · 6H ₂ O	0.4 mg
Na ₂ MoO ₄ · 2H ₂ O	0.25 mg
Distilled water	100 mL

1) In the NIES-Collection, 1.04 mg ZnCl₂ is replaced by 2.2mg ZnSO₄ · 7H₂O.

Reference

Provasoli, L., Pintner, I. J. 1959 Artificial media for fresh-water algae: problems and suggestions. In *The Ecology of Algae. Spec. Pub. No. 2.*, Eds. by Tryon, C. A., Jr. & Hartmann, R. T., Pymatuning Laboratory of Field Biology, University of Pittsburgh, Pittsburgh, p. 84-96.