

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

VTAC

To 100 mL VT medium add 20 mg sodium acetate.

Reference

Nozaki, H., Kuroiwa, H., Mita, T., Kuroiwa, T. 1989 *Pleodorina japonica* sp. nov. (Volvocales, Chlorophyta) with bacteria-like endosymbionts. *Phycologia*, **28**, 252-267.

VT

Ca(NO ₃) ₂ · 4H ₂ O	11.78 mg
β-Na ₂ glycerophosphate · 5H ₂ O	5 mg
MgSO ₄ · 7H ₂ O	4 mg
KCl	5 mg
Vitamin B ₁₂	0.01 µg
Biotin	0.01 µg
Thiamine HCl	1 µg
PIV metals	0.3 mL
Glycylglycine	50 mg
Distilled water	99.7 mL
pH 7.5	

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.

Starr, R. C. 1973 Special methods-dry soil samples. In *Handbook of Phycological Methods. Culture Methods and Growth Measurements*, Ed. by Stein, J. R., Cambridge University Press, Cambridge, p. 159-167.

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.

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