

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

VTYT

To 100 mL VT medium add 10 mg yeast extract and 20 mg tryptone.

Reference

Ichimura, T., Itoh, T. 1977 17. Preservation methods of microalgae (I) [17. Bisaisôru no hozonhô (I)]. In *Preservation methods of microorganisms [Biseibutsu Hozonhô]*, Ed. by Nei, T., University of Tokyo Press, Tokyo, p. 355-373 (in Japanese without English title).

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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