

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

W

Ca(NO ₃) ₂ · 4H ₂ O	10	mg
KNO ₃	1	mg
MgSO ₄ · 7H ₂ O	1.5	mg
β-Na ₂ glycerophosphate · 5H ₂ O	2	mg
Urea	1.7	mg
Thiamine HCl	0.2	μg
Vitamin B ₁₂	0.002	μg
Biotin	0.002	μg
PIV metals	0.05	mL
Glycylglycine	10	mg
Distilled water	99.95	mL
pH 7.5		

Reference

Watanabe, M. M. 1983 Growth characteristics of freshwater red tide alga, *Peridinium* based on axenic culture. Establishment of synthetic culture medium [Junsuibaiyôhō niyoru tansuiakashio *Peridinium* no zôsyokutokusei no kaiseki-gôseibaichi no kakuritsu]. *Res. Data Natl. Inst. Environ. Stud.*, No. 24, 111-121 (in Japanese without English title).

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.