P 35

NH_4NO_3	10 mg
$MgSO_4 \cdot 7H_2O$	4 mg
KCl	5 mg
$CaCl_2 \cdot 2H_2O$	7.4 mg
β-Na_2glycerophosphate $\cdot 5H_2O$	5 mg
Sodium acetate	100 mg
Vitamin B_{12}	0.01 µg
Biotin	0.01 µg
Thiamine HCl	1 µg
PIV metals	0.3 mL
Tris (hydroxymethyl) aminomethane	50 mg
Distilled water	99.7 mL
pH 8.0	

Reference
Ichimura, T. 1979 2. Isolation and culture methods of algae. 2.5.B. Freshwater algae [2. Sôrui no bunri to baiyôhô. 2.5.B. Tansui sôrui]. In *Methods in Phycological Studies [Sôrui Kenkyûhô],* Eds. by Nishizawa, K. & Chihara, M., Kyoritsu Shuppan, Tokyo, p. 294-305 (in Japanese without English title).

P IV metals

$Na_2EDTA \cdot 2H_2O$	100 mg
$FeCl_3 \cdot 6H_2O$	19.6 mg
$MnCl_2 \cdot 4H_2O$	3.6 mg
$ZnCl_2$[1)]	1.04 mg
$CoCl_2 \cdot 6H_2O$	0.4 mg
$Na_2MoO_4 \cdot 2H_2O$	0.25 mg
Distilled water	100 mL

1) In the NIES-Collection, 1.04 mg $ZnCl_2$ is replaced by 2.2mg $ZnSO_4 \cdot 7H_2O$.

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.