Carefoot

$NaNO_3$	24.7 mg
$CaCl_2 \cdot 2H_2O$	1.1 mg
$MgSO_4 \cdot 7H_2O$	4.7 mg
K_2HPO_4	0.9 mg
KH_2PO_4	2.3 mg
NaCl	1.5 mg
PIV metals	0.5 mL
Distilled water	99.5 mL
pH 7.5	

In the NIES-Collection, 0.02 µg vitamin B_{12}, 0.02 µg biotin and 2 µg thiamine HCl are added to this medium.

Reference

Carefoot, J. R. 1968 Culture and heterotrophy of the freshwater dinoflagellate, *Peridinium cinctum* fa. *ovoplanum* Lindeman. *J. Phycol.*, **4**, 129-131.

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.

Fe (as EDTA; 1:1 molar)

$Fe(NH_4)_2(SO_4)_2 \cdot 6H_2O$	70.2 mg
$Na_2EDTA \cdot 2H_2O$	66 mg
Distilled water	100 mL

1 mL of this solution contains 0.1 mg Fe.

Reference

Provasoli, L. 1966 Media and prospects for the cultivation of marine algae. In *Cultures and Collections of Algae*, Eds. by Watanabe, A. & Hattori, A., Proc. U.S.-Japan Conf., Hakone, Sept. 1966., Jpn. Soc. Plant Physiol., p. 63-75.