

MW/5

MW medium is diluted with distilled water to 1/5.

MW

Urea	0.85 mg
NaNO ₃	0.17 mg
NH ₄ Cl	0.042 mg
Ca(NO ₃) ₂ · 4H ₂ O	10 mg
CaCO ₃	1 mg
CaCl ₂ · 2H ₂ O	1.4 mg
KNO ₃	1 mg
KHCO ₃	0.9 mg
β -Na ₂ glycerophosphate · 5H ₂ O	2 mg
MgSO ₄ · 7H ₂ O	1.5 mg
PIV metals	0.05 mL
Vitamin B ₁₂	0.02 μ g
Thiamine HCl	2 μ g
Biotin	0.02 μ g
Glycylglycine	10 mg
Distilled water	100 mL
pH 7.2	

Reference

Sako, Y., Ishida, Y., Kadota, H., Hata, Y. 1984 Sexual reproduction and cyst formation in the freshwater dinoflagellate *Peridinium cunningtonii*. *Bull. Jpn. Soc. Sci. Fish.*, **50**, 743-750.

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

P IV metals

$\text{Na}_2\text{EDTA} \cdot 2\text{H}_2\text{O}$	100 mg
$\text{FeCl}_3 \cdot 6\text{H}_2\text{O}$	19.6 mg
$\text{MnCl}_2 \cdot 4\text{H}_2\text{O}$	3.6 mg
ZnCl_2 ¹⁾	1.04 mg
$\text{CoCl}_2 \cdot 6\text{H}_2\text{O}$	0.4 mg
$\text{Na}_2\text{MoO}_4 \cdot 2\text{H}_2\text{O}$	0.25 mg
Distilled water	100 mL

1) In the NIES-Collection, 1.04 mg ZnCl_2 is replaced by 2.2mg $\text{ZnSO}_4 \cdot 7\text{H}_2\text{O}$.

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.