

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

MBM

KNO ₃	25	mg
MgSO ₄ · 7H ₂ O	7.5	mg
K ₂ HPO ₄	7.5	mg
KH ₂ PO ₄	17.5	mg
NaCl	2.5	mg
CaCl ₂ · 2H ₂ O	1	mg
Fe solution	0.1	mL
A ₅ solution	0.1	mL
Agar	1.5	g
Distilled water	99.8	mL
pH 6.0		

Indicated as “Modified Bristol medium” in reference.

Reference

Ichimura, T., Itoh, T. 1977 17. Preservation methods of microalgae (I) [17. Bisaisôruï 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).

Fe solution

FeSO ₄ · 7H ₂ O	200	mg
Distilled water	100	mL
Conc · H ₂ SO ₄	0.026	mL ¹⁾

1) 2 drops/500 mL

Reference

Ichimura, T., Itoh, T. 1977 17. Preservation methods of microalgae (I) [17. Bisaisôruï 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).

A₅ solution

H ₃ BO ₃	286	mg
MnSO ₄ · 7H ₂ O ¹⁾	250	mg
ZnSO ₄ · 7H ₂ O	22.2	mg
CuSO ₄ · 5H ₂ O	7.9	mg
Na ₂ MoO ₄ · 2H ₂ O	2.1	mg
Distilled water	100	mL

1) In the NIES-Collection, 250 mg MnSO₄ · 7H₂O is replaced by 217 mg MnSO₄ · 5H₂O.

Reference

Holm-Hansen, O., Gerloff, G. C., Skoog, F. 1954 Cobalt as an essential element for blue-green algae. *Physiol. Planta.*, **7**, 665-675.