

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

Pro

To 100 mL MBM medium add 100 mg proteose peptone.

Indicated as "Proteose 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).

Starr, R. C. 1964 The culture collection of algae at Indiana University. *Amer. J. Bot.*, **51**, 1013-1044.

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
A5 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).

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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.