

Bacteria-free check media for marine algae

Bf/2

ASP 7 ¹⁾	100	mL
Trypticase	50	mg
Yeast extract	5	mg

1) In the NIES-Collection, ASP 7 is replaced by f/2 medium.

Reference

Yoshida, Y., Kawaguchi, K. 1983 Buoyancy and phototaxis of *Chattonella antiqua* (Hada) Ono. *Bull. Plankton Soc. Jpn.*, **30**, 11-19 (in Japanese with English summary).

f/2

NaNO ₃	7.5	mg
NaH ₂ PO ₄ · 2H ₂ O	0.6	mg
Vitamin B ₁₂	0.05	µg
Biotin	0.05	µg
Thiamine HCl	10	µg
Na ₂ SiO ₃ · 9H ₂ O	1	mg
f/2 metals ¹⁾	0.1	mL
Seawater	99.9	mL

Reference

Guillard, R. R. L., Ryther, J. H. 1962 Studies of marine planktonic diatoms. I. *Cyclotella nana* Hustedt, and *Detonula confervacea* (Cleve) Gran. *Can. J. Microbiol.*, **8**, 229-239.

f/2 metals

Na ₂ EDTA · 2H ₂ O	440	mg
FeCl ₃ · 6H ₂ O	316	mg
CoSO ₄ · 7H ₂ O	1.2	mg
ZnSO ₄ · 7H ₂ O	2.1	mg
MnCl ₂ · 4H ₂ O	18	mg
CuSO ₄ · 5H ₂ O	0.7	mg
Na ₂ MoO ₄ · 2H ₂ O	0.7	mg
Distilled water	100	mL

Reference

Guillard, R. R. L., Ryther, J. H. 1962 Studies of marine planktonic diatoms. I. *Cyclotella nana* Hustedt, and *Detonula confervacea* (Cleve) Gran. *Can. J. Microbiol.*, **8**, 229-239.