

Media for protozoa

f/2 + Wheat

Beforehand, sterilize wheat grains by dry heating (150°C, 30 min). Keep in a cool place. For use, add a grain of sterile wheat to 10 mL f/2 medium.

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	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

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