

F/2 VITAMIN SOLUTION

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

Reference: Guillard, R.R.L. 1975. Culture of phytoplankton for feeding marine invertebrates in "Culture of Marine Invertebrate Animals." (eds: Smith W.L. and Chanley M.H.) Plenum Press, New York, USA. pp 26-60.

STOCK

1. Vitamin B12 (Cyanocobalamin)
2. Biotin

STOCK SOLUTION

- 5mg/5ml distilled H₂O
- 1 mg/10ml distilled H₂O

To make the working solution add the following amounts of the stock solutions to 100 ml of distilled water:

1. Vitamin B12 0.1 ml
2. Biotin 1.0 ml
3. Thiamine HCl 20 mg

Dispense working solution according to amounts required for media preparation. One ml aliquots are conveniently stored frozen, in cryovials for periods of 1-2 months. Store the remainder of the working solution frozen, in a polyethylene bottle of 100 ml. Wrap with Parafilm to avoid moisture loss.