

S88 + Vitamins

Marine algae

Medium	per litre
Major salts	
NaCl	16.00g
CaSO ₄ .2H ₂ O	0.50g
MgSO ₄ .7H ₂ O	2.50g
KCl	0.40g
Buffers	
Glycylglycine	0.50g
Glycine	0.25g
Nutrients	
KNO ₃	0.10g
K ₂ HPO ₄	0.01g
Minor salts	
KBr	32.50mg (Br = 22mg)
SrCl ₂ .6H ₂ O	6.50mg (Sr = 2.1mg)
AlCl ₃ .6H ₂ O	250.00µg (Al = 28µg)
RbCl	100.00µg (Rb = 71µg)
LiCl.H ₂ O	50.00µg (Li = 6.0µg)
KI	25.00µg (I = 19µg)
Chelated trace metals	
Na ₂ EDTA	50.00mg
FeSO ₄ .7H ₂ O	2.50mg (Fe = 500µg)
MnSO ₄ .4H ₂ O	203.00µg (Mn = 50µg)
ZnSO ₄ .7H ₂ O	22.00µg (Zn = 5.0µg)
CuSO ₄ .5H ₂ O	19.60µg (Cu = 5.0µg)
CoSO ₄ .7H ₂ O	2.38µg (Co = 0.5µg)
NaMoO ₄ .2H ₂ O	1.26µg (Mo = 0.5µg)
Vitamins	
Cyanocobalamin (vitamin B ₁₂)	100.00µg
Thiamine HCl (vitamin B ₁)	50.00µg

Make up to 1 litre with distilled water. Adjust the pH to 8.0.

Reference

Droop MR (1968) Vitamin B₁₂ and marine ecology. IV. The kinetics of uptake, growth and inhibition in *Monochrysis lutheri*. J. Mar. Biol. Ass. UK. **48**, 689-733.

May 1989.