

1664 Sphaerotilus natans subspec. sulfidivorans medium

(NH ₄)Cl	0.3	g
NaCl	3.62	g
KH ₂ PO ₄	0.09	g
K ₂ HPO ₄	0.22	g
Na ₂ HPO ₄ x 7H ₂ O	0.35	g
MgSO ₄ x 7H ₂ O	0.23	g
CaCl ₂	0.28	g
FeCl ₃ x 6H ₂ O	0.25	mg
Na ₂ SO ₄	0.05	g
Na ₂ S ₂ SO ₃	1.0	g
Distilled water	1000	ml

Dissolve ingredients (except vitamins) in distilled water. After sterilization add the 25ml SLM.

*Trace element solution***Trace element solution:**

EDTA	0.2	g
FeSO ₄ x 7 H ₂ O	0.7	g
ZnSO ₄ x 7 H ₂ O	0.01	g
MnSO ₄ x 4 H ₂ O	2.0	mg
CuSO ₄ x 5 H ₂ O	5.0	mg
H ₃ BO ₃	0.01	g
Co(NO ₃) ₂	1.0	g
Na ₂ MoO ₄ x 2 H ₂ O	1.0	g
Distilled water	1000	ml

Standard vitamin solution:

Riboflavin	10.00	mg
Thiamine-HCl x 2 H ₂ O	50.0	mg
Nicotinic acid	50.0	mg
Pyridoxine-HCl	50.0	mg
Ca-pantothenate	50.0	mg
Biotin	0.1	mg
Folic acid	0.2	mg
Vitamin B ₁₂	1.0	mg
Distilled water	100	ml