

1664a Modified *Sphaerotilus natans* ssp. *sulfidivorans* medium

(NH ₄)Cl	0.6	g
KH ₂ PO ₄	18	mg
K ₂ HPO ₄	44	mg
Na ₂ HPO ₄ x 7H ₂ O	70	mg
MgSO ₄ x 7H ₂ O	46	mg
CaCl ₂	56	mg
FeCl ₃ x 6H ₂ O	0,5	mg
Na-lactate	400	mg
Peptone	1.0	g
Na ₂ S ₂ SO ₃	2.0	g
SLM.155	50	µl
Distilled water	1000	ml

Dissolve ingredients (except vitamins) in distilled water.
After sterilization add the 50 µl vitamin solution.

Trace element solution SLM.155

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