

1370. RICH ORGANIC MEDIUM

Mineral Salts Solution:

MgSO ₄ x 7 H ₂ O	0.3	g
KH ₂ PO ₄	0.3	g
NH ₄ Cl	0.1	g
CaCl ₂ x 2 H ₂ O	1.0	g
Na-Acetat	1.0	g
Yeast Extract	0.5	g
Peptone	0.5	g
Casamino Acid	0.5	g
Trace elements N1 (see below)	2.0	ml
Vitamin solution N1 (see below)	2.0	ml
Distilled Water	1000.0	ml

Vitamin solution N1

Nicotinic acid	400.0	mg
Thiamine	400.0	mg
Biotin	80.0	mg
Vitamin B ₁₂	20.0	mg
Distilled Water	1000.0	ml

Filter sterilised

Trace elements solution N1

FeSO ₄ x 7 H ₂ O	300.0	mg
ZnSO ₄ x 7 H ₂ O	5.0	mg
MnCl ₂ x 4 H ₂ O	3.0	mg
H ₃ BO ₃	2.0	mg
CoCl ₂ x 6 H ₂ O	5.0	mg
CuCl ₂ x 2 H ₂ O	1.0	mg
NiCl ₂ x 6 H ₂ O	2.0	mg
Na ₂ MoO ₄ x 2 H ₂ O	3.0	mg
Distilled Water	1000.0	ml

Adjust pH to 5.9. Add NaOH (0.1 mol/l) 16ml/l after sterilisation from sterile stock solution to readjust pH to 6.8.

Add the following from sterile stock solutions to the autoclaved medium:

Vitamin solution N1:	2.0	ml /l
Trace elements solution N1:	2.0	ml/l