

1119. GNYS MEDIUM

Sodium gluconate	3.00	g
Yeast extract (Difco)	1.00	g
(NH ₄) ₂ SO ₄	1.00	g
KH ₂ PO ₄	1.00	g
NaCl	0.20	g
MgCl ₂ x 6H ₂ O	0.20	g
CaCl ₂ x 2H ₂ O	0.05	g
Trace element solution SL8 (see below)	1.00	ml
Distilled water	1000.00	ml

Adjust pH to 4.0 - 4.5.

For solid medium, add 1.8% agar (final) and adjust pH to 5.0 to avoid hydrolysis of agar.

Trace element solution SL8

Na ₂ ·EDTA	5.2	g
FeCl ₂ x 4H ₂ O	1.5	g
ZnCl ₂	70.0	mg
MnCl ₂ x 4H ₂ O	100.0	mg
H ₃ BO ₃	62.0	mg
CoCl ₂ x 6H ₂ O	190.0	mg
CuCl ₂ x 2H ₂ O	17.0	mg
NiCl ₂ x 6H ₂ O	24.0	mg
Na ₂ MoO ₄ x 2H ₂ O	36.0	mg
Distilled water	1000.0	ml