

ATCC Medium: 1921 NAM Medium

Trypticase Soy Agar.....40.0 g
Hemin Solution (see below).....10.0 ml
DI Water.....950.0 ml

Mix well and heat to boiling to dissolve. Autoclave at 121°C. Cool to 50°C and aseptically add the following:

N-acetyl muramic acid (NAM) solution (see below).....1.0 ml
Defibrinated Sheep Blood.....50.0 ml

Aseptically dispense under a gas phase of 80% N₂, 10% CO₂, and 10% H₂.

Hemin Solution

Hemin.....50.0mg
K₂HPO₄.....1.74g
DI Water.....100.0 ml

Heat to boiling to dissolve.

N-acetyl muramic acid Solution

N-acetyl muramic acid.....100.0 mg
DI Water.....10.0 ml

Filter-sterilize. Store in small aliquots at -20 C.