

ATCC medium: 2046 TSBYG MEDIUM WITH 100 IU/ml NISIN

Trypticase Peptone (BD 211921).....17.0 g
Phytone Peptone (BD 211906).....3.0 g
NaCl.....5.0 g
K₂HPO₄2.5 g
Dextrose.....5.0 g
Yeast extract.....6.0 g
Nisin Solution (see below).....10.0 ml
Agar (if necessary).....15.0 g
Distilled water.....990.0 ml

Autoclave medium minus Nisin Solution at 121C for 15 minutes. Cool sterile medium to 50C and aseptically add Nisin Solution. Aseptically dispense as required.

Nisin Solution:

Nisin (Sigma N-5764).....1.0 g
Nisin diluent (0.75% NaCl in 0.02 M HCl).....100.0 ml

Autoclave Nisin Solution separately from basal medium at 121C for 15 minutes.