

ATCC medium: 1027 Acidophilic *stearothermophilus*

Part A

Soluble starch.....10.0 g
Tryptone (BD 211705).....5.0 g
Yeast extract.....5.0 g
CaCl₂ . 2H₂O0.5 g
MnCl₂ . 4H₂O0.5 g
KH₂PO₄1.0 g
Distilled water.....400.00 ml

Part B

Agar (if needed).....20.0 g
Distilled water.....600.00 ml

For agar preparations:

Dissolve A in distilled water. Adjust pH to 4.7.

Dissolve B in distilled water. Do not adjust pH.

Autoclave A and B separately, then combine aseptically. Adjust to pH 5.0.

For broth preparations:

Dissolve all components except agar in 1.0 L distilled water and adjust to pH 5.0. Autoclave as usual. Precipitation will dissolve upon cooling and agitation.