

629. STALEY'S MAINTENANCE MEDIUM

Peptone	5.0	g
Yeast extract	0.5	g
Hutner's salts (see medium 590)	20.0	ml
Staley's vitamins (filter-sterilized) (see medium 600)	10.0	ml
Distilled water	970.0	ml

Dissolve peptone and yeast extract in the distilled water, adjust the pH to 7.2 and sterilize. After the medium has cooled add the Hutner's salts and Staley's vitamins. For solid medium use 15.0 g agar.

Hutner's salts:

Nitritotriacetic acid	10.0	g
MgSO ₄ x 7 H ₂ O	29.7	g
CaCl ₂ x 2 H ₂ O	3.3	g
NaMoO ₄ x 2 H ₂ O	12.7	mg
FeSO ₄ x 2 H ₂ O	99.0	mg
"Metals 44" (see medium 600)	50.0	ml
Distilled water	950.0	ml