



167: JCM MEDIUM No. 167

Final pH: 3.6

Final volume: 1000 ml

KH ₂ PO ₄	1.00	g
KCl	1.00	g
NH ₄ Cl	1.00	g
MgSO ₄ x 7 H ₂ O	0.24	g
CaSO ₄ x 2 H ₂ O	0.17	g
SL-6 trace element solution	1.00	ml
NaCl	200.00	g
Na glutamate	1.00	g
Yeast extract (BD-Difco)	5.00	g
Casamino acids (BD-Difco)	5.00	g
Na ₂ CO ₃	5.00	g
Agar	20.00	g

Add components except Na₂CO₃ to distilled water and bring volume to 900 ml. Adjust pH to 6.5 and autoclave. Dissolve Na₂CO₃ in 100 ml distilled water and autoclave separately. Aseptically add the sterile Na₂CO₃ solution to the medium. Check final pH to be 9.0-9.5.

SL-6 trace element solution

ZnSO ₄ x 7 H ₂ O	0.10	g
MnCl ₂ x 4 H ₂ O	0.03	g
H ₃ BO ₃	0.30	g
CoCl ₂ x 6 H ₂ O	0.20	g
CuCl ₂ x 2 H ₂ O	0.01	g
NiCl ₂ x 6 H ₂ O	0.02	g
Na ₂ MoO ₄ x 2 H ₂ O	0.03	g
Distilled water	1000.00	ml

Adjust pH to 3.6.