

ATCC Medium: 2690 BAA-797 Medium

MJ Basa; Medium:

MJ(-N) synthetic sea water.....	1.00	L
NH ₄ Cl.....	0.25	g
NaHCO ₃	1.50	g
Na ₂ S ₂ O ₃ ·5H ₂ O.....	1.50	g
Trace Vitamins (ATCC).....	1.00	ml

MJ Sea water

NaCl.....	30.00	g
K ₂ HPO ₄	0.14	g
CaCl ₂ ·2H ₂ O.....	0.14	g
MgSO ₄ ·7H ₂ O.....	3.40	g
MgCl ₂ ·6H ₂ O.....	4.18	g
KCl.....	0.33	g
NiCl ₂ ·6H ₂ O.....	0.50	mg
Na ₂ SeO ₃ ·5H ₂ O.....	0.50	mg
FE(NH ₄) ₂ (SO ₄) ₂ ·6H ₂ O.....	0.01	g
Trace mineral solution (ATCC).....	10.00	ml
Distilled water.....	1.00	liter

Mix all ingredients, except NaHCO₃, Na₂S₂O₃·5H₂O and Trace vitamins. Autoclave @ 121°C.

Filter sterilize 8% (w/v) NaHCO₃, 10% (w/v) Na₂S₂O₃·5H₂O and the trace vitamin solutions. Add to the medium. Replace head space with 80% N₂-CO₂ gas mixture. Aseptically dispense into Hungate tubes.