

1332. ALGORIPHAGUS AQUAEDUCTUS MEDIUM

Meat extract	20.00	g
NH ₄ Cl	1.00	g
MgSO ₄ x 7 H ₂ O	0.20	g
CaCl ₂ x 2 H ₂ O	0.01	g
KH ₂ PO ₄	0.50	g
Seven vitamins solution (see below)	3.00	ml
Trace element solution SL-8	1.00	ml
Distilled water	996.0	ml

Adjust pH to 8.0 before autoclaving. The medium may be solidified by adding 15 g/l agar.

Trace element solution SL-8:

Na ₂ -EDTA	5.20	g
FeSO ₄ x 7 H ₂ O	2.00	g
CoCl ₂ x 6 H ₂ O	190.00	mg
MnCl ₂ x 2 H ₂ O	100.00	mg
ZnSO ₄ x 7 H ₂ O	150.00	mg
NiCl ₂ x 6 H ₂ O	24.00	mg
Na ₂ MoO ₄ x 2 H ₂ O	36.00	mg
H ₃ BO ₃	62.00	mg
CuCl ₂ x 2 H ₂ O	17.00	mg
Distilled water	1000.00	ml

Adjust pH to 6.8.

Seven vitamins solution:

Vitamin B ₁₂	100.00	mg
p-Aminobenzoic acid	80.00	mg
D(+)-Biotin	20.00	mg
Nicotinic acid	200.00	mg
Calcium pantothenate	100.00	mg
Pyridoxine hydrochloride	300.00	mg
Thiamine-HCl x 2 H ₂ O	200.00	mg
Distilled water	1000.00	ml

Filter sterilise and add to the medium after it has been autoclaved.

Autoclave solution A and B separately and combine after cooling. Adjust to pH 8.1.