

1646. GEMMATIMONAS MEDIUM

Yeast extract	0.25	g
Peptone (Difco)	0.50	g
Glucose	0.10	g
HEPES	1.95	g
MgSO ₄ x 7 H ₂ O	0.37	g
CaSO ₄ x 2 H ₂ O	0.43	g
Agar	14.00	g
Distilled water	1000.00	ml

Adjust pH to 7.0 prior to the addition of agar.

After autoclaving and cooling to about 55°C, add 5 ml of vitamin solution.

Vitamin solution: (see also medium 461).

Vitamin B ₁₂	50.00	mg
Pantothenic acid	50.00	mg
Riboflavin	50.00	mg
Pyridoxamine-HCl	10.00	mg
Biotin	20.00	mg
Folic acid	20.00	mg
Nicotinic acid	25.00	mg
Nicotine amide	25.00	mg
α -lipoic acid	50.00	mg
p-aminobenzoic acid	50.00	mg
Thiamine-HCl x 2 H ₂ O	50.00	mg
Distilled water	1000.00	ml

Stir for some hours, filter sterilize the solution.