

1544: . PIRELLULA MEDIUM (M30)

Solution 1	950.00	ml
Solution 2	50.00	ml

Solution 1

Hutner's salts	20.00	ml
Tris-HCl buffer (0.1M, pH 7.5)	50.00	ml
Gelrite	8.00	g
MgCl ₂	1.00	g
Sea water (Biomaris)	700.00	ml
Distilled water	190.00	ml

Adjust pH to 7.5, autoclave at 121°C for 20 min.

Solution 2

N-Acetylglucosamine	2.00	g
Na ₂ HPO ₄ x 2 H ₂ O	0.01	g
Vitamin solution No.6	10.00	ml
Distilled water	40.00	ml

Adjust pH to 7.5, filter-sterilize.

Vitamin solution No.6

Vitamin B ₁₂	0.20	mg
Biotin	4.00	mg
Thiamine-HCl x 2 H ₂ O	10.00	mg
Calcium pantothenate	10.00	mg
Folic acid	4.00	mg
Riboflavin	10.00	mg
Nicotinamide	10.00	mg
p-Aminobenzoic acid	10.00	mg
Pyridoxine hydrochloride	20.00	mg
Distilled water	1000.00	ml

Hutner's salts (from medium 590)

Nitrilotriacetic acid (NTA)	10.000	g
MgSO ₄ x 7 H ₂ O	29.700	g
CaCl ₂ x 2 H ₂ O	3.335	g
(NH ₄) ₆ Mo ₇ O ₂₄ x 4 H ₂ O	9.250	mg



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FeSO ₄ x 7 H ₂ O	99.000	mg
Metall salt sol. 44	50.000	ml
Distilled water	950.000	ml

Dissolve the nitrilotriacetic acid, adjust the pH to 7.0 with KOH (about 7.3 g). Dissolve other salts separately, combine and adjust the pH to 6.8 with NaOH or H₂SO₄.