

1493: VERRUCOMICROBIA MEDIUM

NaHCO ₃	0.50	g
NaCl	0.50	g
KH ₂ PO ₄	0.40	g
(NH ₄) ₂ SO ₄	0.20	g
MgSO ₄ x 6 H ₂ O	0.10	g
CaCl ₂	0.01	g
Li ₂ B ₄ O ₇	0.01	g
FeEDTA solution	1.00	ml
Trace element solution	1.00	ml
Distilled water	1000.00	ml

1. Do not adjust the pH.
2. For plates add 8g/l Gelrite or 15g Phytigel and 1g/L MgCl. A carbon source is not required because the organism degrades the polysaccharides in Gelrite or Phytigel
3. For liquid medium use 0.8-2.0g/l Gelrite as carbon source (the medium remains liquid). Alternatively mannose (1g/l) may be used instead of Gelrite in liquid medium. Do not add mannose to solid media, which will inhibit growth.

FeEDTA solution (from medium 1493)

FeSO ₄ x 7 H ₂ O	1.54	g
Na-EDTA	2.06	g
Distilled water	1000.00	ml

Trace element solution (from medium 1493)

Nitrilotriacetic acid	1.500	g
Fe(NH ₄) ₂ (SO ₄) ₂ x 6 H ₂ O	0.200	g
Na ₂ SeO ₄ x 10 H ₂ O	0.440	g
CoCl ₂ x 6 H ₂ O	0.180	g
MnSO ₄ x H ₂ O	0.120	g
Na ₂ MoO ₄	0.160	g
Na ₂ WO ₄	0.100	g
ZnSO ₄ x 7 H ₂ O	0.540	g
AlCl ₃	0.040	g
NiCl ₂ x 6 H ₂ O	0.025	g
H ₃ BO ₃	0.110	g
CuSO ₄	0.210	g
MnCl ₂	0.190	g
Distilled water	1000.000	ml



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1. First dissolve nitrilotriacetic acid and adjust pH to 6.5 with KOH, then add minerals.
2. Final pH 7.0 (with KOH).