

## 1493 . VERRUCOMICROBIA MEDIUM

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

Do not adjust the pH.

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. 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:*

FeSO <sub>4</sub> x 7 H <sub>2</sub> O	1.54	g
NaEDTA	2.06	g
Distilled water	1000.00	ml

### *Trace element solution:*

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

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

