

1343. TISTLIA CONSOTENSIS MEDIUM

K ₂ HPO ₄	0.30	g
KH ₂ PO ₄	0.30	g
NaCl	20.00	g
NH ₄ Cl	1.00	g
CaCl ₂ x 2 H ₂ O	0.10	g
Yeast extract	1.00	g
KCl	0.10	g
Zeikus trace elements solution (see below)	1.00	ml
Distilled water	1000.00	ml
pH 7.0		

Sterilise the medium by autoclaving. The medium is supplemented with 20mM sterile glucose. The medium may be solidified by adding 15 g/l agar.

Zeikus trace elements solution:

Nitrilotriacetic acid	12.500	g
FeCl ₃ x4 H ₂ O	0.200	g
ZnCl ₂	0.100	g
MnCl ₂ x 4 H ₂ O	0.100	g
H ₃ BO	0.010	g
CoCl ₂ x 6 H ₂ O	0.017	g
CuCl ₂ x 2 H ₂ O	0.020	g
CaCl ₂ x 2 H ₂ O	0.100	g
Na ₂ MoO ₄ x 2 H ₂ O	0.010	g
NaCl	1.000	g
Na ₂ SeO ₃	0.020	g
Distilled water	1000.000	ml

Neutralise the nitrilotriacetic acid to a pH of 6.5 with KOH before adding the other trace elements.