

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. Prior to inoculation add 0.05 ml of sterile 10% NaHCO₃ and 1.0 ml of sterile 10% Na₂S. 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.