967. TEREDINIBACTER TURNERAE MEDIUM

KH_2PO_4	15.3	mg
Na_2CO_3	10.0	mg
Na_2MoO_4 x 2 H_2O	2.5	mg
Na_2EDTA	0.5	mg
Ferric ammonium citrate	3.0	mg
HEPES	5.2	g
Trace elements solution	1.0	ml
Sea water	750.0	ml
Distilled water	250.0	ml

Teredinibacter turnerae will grow on either Sigmacell 100 (cellulose) or Whatman filter paper "1". When grown in the absence of a nitrogen source the strains will fix nitrogen under microaerophilic conditions. Microaerophilic conditions may be achieved by adding 2 g/l agar (semi-solid) and dispensing the medium into 10 ml portions in 16 mm (outside diameter) test tubes - incubate without shaking. The strains may also be grown with gentle shaking if NH_4Cl, 0.27 g/l is added to the medium.

Trace elements (A5 of Rippka et al., 1979):

H_3BO_3	2.860	g
$MnCl_2$ x 4 H_2O	1.810	g
$ZnSO_4$ x 7 H_2O	0.220	g
Na_2MoO_4 x 2 H_2O	0.390	g
$CuSO_4$ x 5 H_2O	0.079	g
Distilled water	1000.000	ml

DSM 104091 may be grown in the presence of 0.5% glucose instead of cellulose.