ATCC medium: 2670 *Singulosphaera* Medium

N-acetylglucosamine.....1.00 g
Peptone.....0.10 g
Yeast Extract.....0.10 g
KH_2PO_4 .....0.10 g
$MgSO_4$. $7H_20$ .....0.05 g
$CaCl_2$. $2H_2O$ .....0.01 g
Hutner's basal salts (see below).....20.00 ml
Agar.....15.00 g
Distilled water.....1.00 L

Adjust the pH to 5.5 to 6.0. Autoclave at 121ºC for 15 minutes.

Hutner's basal salts

Nitrilotriacetic acid (NTA).....10.00 g
$MgSO_4$. $7H_20$ .....29.70 g
$CaCl_2$. $2H_2O$ .....3.34 g
$(NH_4)MoO_7O_{24}$. $4H_2O$ .....9.25 mg
$FeSO_4$. $7H_2O$ .....99.00 mg
"Metals 44" (see below).....50.00 ml
Distilled water.....950.00 ml

Dissolve the nitrilotriacetic acid, adjust the pH to 7.0 with KOH (about 7.3 g). Dissolve other salts separately, combine and adjust the pH to 6.8 with NaOH or H_2SO_4.

"Metal 44"
Na-EDTA.....250.00 mg
$ZnSO_4$. $7H_2O$ .....1095.00 mg
$FeSO_4$. $7H_2O$ .....500.00 mg
$MnSO_4$. H_2O .....154.00 mg
$CuSO_4$. $5H_2O$ .....39.20 mg
$Co(NO_3)_2$. $6H_2O$.....24.80 mg
$Na_2B_4O_7$. $10H_2O$ .....17.70 mg
Distilled water.....100.00 ml

Dissolve the EDTA and add a few drops of concentrated H_2SO_4 to retard precipitation of the heavy metal ions