ATCC medium: 1354 Nitrate mineral salts medium (ATCC medium 1306) with 0.1% sterile methanol

$MgSO_4$. $7H_2O$ .....1.0 g
$CaCl_2$. $6H_2O$ .....0.20 g
Chelated Iron Solution (see below).....2.0 ml
KNO_3.....1.0 g
Trace Element Solution (see below).....0.5 ml
KH_2PO_4 .....0.272 g
Na_2HPO_4 . $12H_2O$.....0.717 g
Purified Agar (e.g., Oxoid L28).....12.5 g
Methanol.....1.0 ml
Distilled water.....1.0 L

combine all ingredients but methanol. Adjust pH to 6.8. Autoclave at 121C for 15 minutes. After autoclaving, add filter-sterilized methanol.

Chelated Iron Solution:
Ferric (III) ammonium citrate*.....0.1 g
EDTA, sodium salt.....0.2 g
HCl (concentrated).....0.3 ml
Distilled deionized water.....100.0 ml

*0.5 g of Ferric (III) chloride may be substituted.

Use 2.0 ml of this chelated iron solution per liter of final medium.

Trace Element Solution:
EDTA.....500.0 mg
$FeSO_4$. $7H_2O$ .....200.0 mg
$ZnSO_4$. $7H_2O$ .....10.0 mg
$MnCl_2$. $4H_2O$ .....3.0 mg
H_3BO_3 .....30.0 mg
$CoCl_2$. $6H_2O$ .....20.0 mg
$CaCl_2$. $2H_2O$ .....1.0 mg
$NiCl_2$. $6H_2O$ .....2.0 mg
Na_2MoO_4 . $2H_2O$.....3.0 mg
Distilled water.....1.0 L

Autoclave at 121C for 15 minutes.