ATCC medium: 2200 AQDS medium

Solution 1 (see below).....4.0 ml
Solution 2 (see below).....4.0 ml
$NaHCO_3$.....0.8 g
Yeast extract.....4.0 g
Tryptone.....4.0 g
AQDS*.....3.3 g
Wolfe's Vitamin Solution (see below).....0.4 ml
Wolfe's Mineral Solution (see below).....0.48 ml
Distilled water.....392.0 ml

*9,10-Anthra-quinone-2,6-disulfonic acid
Combine above ingredients, except for yeast extract and tryptone. Dissolve and bring to boil under 80% N_2, 10% CO_2, 10% H_2. Remove from heat and allow to cool. Add the yeast extract and tryptone. Adjust pH to 7.2 +/- 0.2. Dispense under gas into aluminum seal tubes, 10.0 ml per tube. Autoclave at 121C for one hour.

Solution 1:
NH_4Cl.....1.65 g
KCl.....1.65 g
$MgCl_2 . 6H_2O$.....1.65 g
$CaCl_2$.....1.65 g
Distilled water.....50.0 ml

Solution 2:
KH_2PO_4.....1.65 g
Distilled water.....50.0 ml

Wolfe's Vitamin Solution:
Available from ATCC as a sterile ready-to-use liquid (Vitamin Supplement, catalog no. MD-VS).
Biotin.....2.0 mg
Folic acid.....2.0 mg
Pyridoxine hydrochloride....10.0 mg
Thiamine . HCl.....5.0 mg
Riboflavin.....5.0 mg
Nicotinic acid.....5.0 mg
Calcium D-(+)-pantothenate...5.0 mg
Vitamin B12.....0.1 mg
p-Aminobenzoic acid.....5.0 mg
Thioctic acid.....5.0 mg
Distilled water.....1.0 L

Wolfe's Mineral Solution:
Available from ATCC as a sterile ready-to-use liquid (Trace Mineral Supplement, catalog no. MD-TMS.)

Nitrilotriacetic acid.....1.5 g
$MgSO_4 \cdot 7H_2O$ .....3.0 g
$MnSO_4 \cdot H_2O$ .....0.5 g
NaCl.....1.0 g
$FeSO_4 \cdot 7H_2O$ .....0.1 g
$CoCl_2 \cdot 6H_2O$ .....0.1 g
$CaCl_2$.....0.1 g
$ZnSO_4 \cdot 7H_2O$ .....0.1 g
$CuSO_4 \cdot 5H_2O$ .....0.01 g
$AlK(SO_4)_2 \cdot 12H_2O$.....0.01 g
H_3BO_3 .....0.01 g
$Na_2MoO_4 \cdot 2H_2O$.....0.01 g
Distilled water.....1.0 L

Add nitrilotriacetic acid to approximately 500 ml of water and adjust to pH 6.5 with KOH to dissolve the compound. Bring volume to 1.0 L with remaining water and add remaining compounds one at a time.