ATCC medium: 2683 Natranaerobius

KH_2PO_4 .....0.20 g
$MgCl_2$ .....0.10 g
NH_4Cl .....0.50 g
NaCl.....100.00 g
Yeast extract (Difco).....10.00 g
Tryptone(Difco).....10.00 g
Wolfe's Mineral Solution (see below).....1.00 ml
Wolfe's Vitamin Solution (see below)....10.00 ml
Na_2C0_3 .....68.00 g
$NaHCO_3$ .....38.00 g
Cysteine HCl.....0.70 g
Casamino Acids.....5.00 g
Distilled water.....1000.00 ml

Mix all the ingredients except Na2CO3, NaHCO3 and cysteine HCl under a gas phase of 100% N_2. Boil and cool to room temperature. pH the solution to 8.5 (measured at 60C) and autoclave at 121ºC for 15 minutes. Filter-sterilize Na2CO3, NaHCO3 and cysteine HCl and flush with 100% N_2 to remove oxygen. After autoclaving allow the base medium to cool and add Na2CO3, NaHCO3 and cysteine HCl. Just before inoculation add the following stock solution anaerobically: 0.1 ml of a 2M glucose solution per 10.0 ml of media.

Wolfe's Mineral Solution:
Available from ATCC as a sterile ready-to-use liquid (Trace Mineral Supplement, catalog no. MD-TMS.)
Nitrilotriacetic acid.....1.500 g
$MgSO_4$. $7H_2O$ .....3.000 g
$MnSO_4$. H_2O .....0.500 g
NaCl.....1.000 g
$FeSO_4$. $7H_2O$ .....0.100 g
$Co(NO_3)_2$. $6H_2O$.....0.100 g
$CaCl_2$ .....0.100 g
$ZnSO_4$. $7H_2O$ .....0.100 g
$CuSO_4$. $5H_2O$ .....0.010 g
$AlK(SO_4)_2$. $12H_2O$.....0.010 g
H_3BO_3 .....0.010 g
Na_2MoO_4 . $2H_2O$.....0.010 g
Na_2SeO_3 (anhydrous) .....0.001 g
Na_2WO_4. $2H_2O$.....0.010 g
$NiCl_2$. $6H_2O$ .....0.020 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.

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