

ATCC medium: 2105 *Desulfobulbus rhabdoformis* medium

Sodium propionate.....3.0 g
Na₂SO₄7.0 g
NH₄Cl0.25 g
KH₂PO₄ . 2H₂O.....1.0 g
CaCl₂ . 2H₂O0.15 g
NaCl.....20.0 g
MgCl₂ . 6H₂O3.0 g
Trace Element Solution SL-10 (see below).....1.0 ml
Distilled water.....1.0 L

Autoclave for 15 minutes at 121C. Allow the medium to cool under a steady stream of oxygen-free nitrogen gas. Then reduce by adding 4.0 ml of filter-sterilized 0.5 M Na₂S . 9H₂O. Adjust to pH 6.8 with 1 M Na₂CO₃.

Trace Elements Solution SL-10:

HCl (25%).....10.0 ml
FeCl₂ . 4H₂O1.5 g
ZnCl₂70.0 mg
MnCl₂ . 4H₂O100.0 mg
H₃BO₃6.0 mg
CoCl₂ . 6H₂O190.0 mg
CuCl₂ . 2H₂O2.0 mg
NiCl₂ . 6H₂O24.0 mg
Na₂MoO₄ . 2H₂O.....36.0 mg
Distilled water.....990.0 ml

Dissolve FeCl₂ in HCl, then dilute with water and add other salts.