

ATCC medium: 2062 *Desulfitobacterium frappieri* medium

KH₂PO₄0.27 g
K₂HPO₄0.35 g
NH₄Cl0.53 g
MgCl₂ . 6H₂O0.10 g
FeCl₂ . 4H₂O2.0 mg
CaCl₂ . 2H₂O73.0 mg
SL-6 Trace Elements (see below)....1.0 ml
Resazurin.....1.0 mg
Yeast extract.....1.0 g
Sodium sulfite.....0.63 g
Sodium pyruvate.....6.05 g
Na₂S . 9H₂O0.05 g
Distilled water.....1.0 L

Adjust medium, if necessary, for final pH 7.5. Prepare and dispense medium anaerobically under an atmosphere of 80% N₂, 10% CO₂, and 10% H₂. Autoclave at 121C for 15 minutes.

SL-6 Trace Elements:

ZnSO₄ . 7H₂O0.10 g
MnCl₂ . 4H₂O0.03 g
H₃BO₃0.3 g
CoCl₂ . 6H₂O0.2 g
CuCl₂ . 2H₂O0.01 g
NiCl₂ . 6H₂O0.02 g
Na₂MoO₄ . 2H₂O.....0.03 g
Distilled water.....1.0 L