

ATCC medium: 591 *Clostridium* medium

Solution 1:

Peptone.....5.0 g
Distilled water.....600.0 ml

Autoclave.

Solution 2:

Fructose.....10.0 g
K₂HPO₄10.0 g
NaHCO₃20.0 g
Trace Element Solution (see below).....10.0 ml
Vitamin Solution (see below).....14.0 ml
Distilled water.....376.0 ml

Gas with CO₂. Add 0.75 g Sodium thioglycollate. Adjust pH to 8.0.
Filter-sterilize. Aseptically combine Solutions 1 and 2.

Trace Element Solution:

EDTA.....0.5 g
FeSO₄ . 7H₂O0.2 g
ZnSO₄ . 7H₂O0.01 g
MnCl₂ . 4H₂O3.0 mg
H₃BO₃0.03 g
CoCl₂ . 6H₂O0.02 g
CuCl₂ . 2H₂O 1.0 mg
NiCl₂ . 6H₂O2.0 mg
Na₂MoO₄ . 2H₂O.....3.0 mg
Distilled water.....1.0 L

Vitamin Solution:

Thiamine.....0.1 g
Nicotinic acid.....0.05 g
Pantothenic acid.....0.025 g
Pyridoxine.....0.05 g
Vitamin B12.....2.0 mg
p-Aminobenzoic acid.....5.0 mg
Biotin.....1.0 mg
Distilled water.....100.0 ml