

ATCC medium: 1090 Marine methanol medium

(NH₄)₂SO₄.....2.0 g
KH₂PO₄1.0 g
K₂HPO₄2.0 g
MgSO₄ . 7H₂O0.3 g
NaCl.....20.0 g
Vitamin B12.....1.0 mcg
Trace Metals Solution (see below)...1.0 ml
Methanol (filter-sterilized).....10.0 ml
Distilled water.....1.0 L

Adjust to pH 7.0 with NaOH.

Prepare Vitamin B12 as a stock solution, adjust to pH 5.0 and autoclave. Combine all ingredients except methanol and vitamin B12, adjust pH to 7.0 with NaOH, and autoclave at 121C for 15 minutes. Aseptically add methanol and vitamin B12.

Trace Metals Solution:

CaCl₂ . 2H₂O0.15 g
FeSO₄ . 7H₂O0.28 g
ZnSO₄ . 7H₂O1.4 g
CuSO₄ . 5H₂O0.25 g
Na₂MoO₄ . 2H₂O.....0.24 g
CoCl₂ . 6H₂O0.24 g
MnSO₄ . H₂O0.84 g
Distilled water.....1.0 L