

ATCC medium: 1900 Soil extract salts medium

Soil Extract Stock (see below)...625.0 ml
Solution 1 (see below).....125.0 ml
Solution 2 (see below).....125.0 ml
Solution 3 (see below).....125.0 ml

Mix all components and filter-sterilize.

Soil Extract Stock:

Air-dried sieved soil.....333.3 g
Distilled water.....666.7 ml

Adjust pH to 8.0 with N NaOH or HCl. Autoclave for 30 minutes. Allow soil to settle and decant. Pre-filter through cheesecloth to remove large particles.

Solution 1:

K₂HPO₄.....1.0 g
Distilled water.....1.0 L

Solution 2:

MgSO₄ · 7H₂O.....1.0 g
Distilled water.....1.0 L

Solution 3:

KNO₃.....10.0 g
Distilled water.....1.0 L