

ATCC medium: 1560 Cellulolytic medium with rumen fluid

Rumen fluid, clarified.....400.00 ml
K₂HPO₄0.45 g
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NaCl.....0.90 g
(NH₄)₂SO₄.....0.90 g
CaCl₂0.09 g
MgSO₄ . 7H₂O0.18 g
NaHCO₃6.37 g
Cellobiose.....5.0 g
Casitone.....5.0 g
Resazurin.....1.0 mg
Agar, if needed.....15.0 g
Distilled water.....575.0 ml

Bring above mixture to boil under 98% CO₂, 2% H₂. Cool slightly and add the following freshly prepared, alkaline solution:

L-Cysteine . HCl.....0.5 g
Na₂S . 9H₂O0.25 g
Distilled water.....25.00 ml

Dispense medium using anaerobic techniques and the same gas phase. Autoclave medium at 121C for 15 minutes. Adjust final pH to 6.8, +/- 0.2.