

**ATCC medium: 1411 Cellulolytic medium for thermophiles**

NH <sub>4</sub> SO <sub>4</sub> .....	1.6 g
Yeast extract.....	1.0 g
K <sub>2</sub> HPO <sub>4</sub> .....	1.65 g
L-Cysteine . HCl.....	0.5 g
NaCl.....	0.96 g
MgSO <sub>4</sub> .....	96.0 mg
CaCl <sub>2</sub> .....	96.0 mg
0.1% Resazurin.....	1.0 ml
Cellulose Suspension (see below).....	200.0 ml
Agar.....	30.0 g
Distilled water to.....	1.0 L

Adjust medium to pH 7.2 with 5 M NaOH. Prepare and dispense medium anaerobically in 100% N<sub>2</sub> atmosphere. Autoclave at 121C for 15 minutes.

*Cellulose Suspension:*

4% Whatman CF11 cellulose powder. For liquid medium omit suspension and provide cellulose as a strip (4.5 X 1.0 cm) of Whatman No. 1 filter paper in each tube.