

**350. CELLULOMONAS FERMENTANS MEDIUM**

K <sub>2</sub> HPO <sub>4</sub>	2.21	g
KH <sub>2</sub> PO <sub>4</sub>	1.50	g
(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub>	1.30	g
MgCl <sub>2</sub> x 6 H <sub>2</sub> O	0.10	g
CaCl <sub>2</sub> x 2 H <sub>2</sub> O	0.02	g
FeSO <sub>4</sub> x 7 H <sub>2</sub> O	1.25	mg
Yeast extract	5.00	g
Cellobiose	5.00	g
<i>or</i>		
Cellulose (MN 300)	5.00	g
NaHCO <sub>3</sub>	0.80	g
Resazurin	1.00	mg
Cysteine-HCl x H <sub>2</sub> O	0.50	g
Distilled water	1000.00	ml

Adjust pH to 7.4 with 8 M NaOH.

Prepare the medium anaerobically under 100% nitrogen. Cellobiose, NaHCO<sub>3</sub>, and cysteine are sterilized separately by autoclaving under N<sub>2</sub>. For aerobic growth omit resazurin and cysteine.