

350. CELLULOMONAS FERMENTANS MEDIUM

K ₂ HPO ₄	2.21	g
KH ₂ PO ₄	1.50	g
(NH ₄) ₂ SO ₄	1.30	g
MgCl ₂ x 6 H ₂ O	0.10	g
CaCl ₂ x 2 H ₂ O	0.02	g
FeSO ₄ x 7 H ₂ O	1.25	mg
Yeast extract	5.00	g
Cellobiose	5.00	g
<i>or</i>		
Cellulose (MN 300)	5.00	g
NaHCO ₃	0.80	g
Resazurin	1.00	mg
Cysteine-HCl x H ₂ 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, NaHCO₃, and cysteine are sterilized separately by autoclaving under N₂. For aerobic growth omit resazurin and cysteine.