

1368 **Clostridium Cellulolytic medium**

| | | |
|--|------|-----------------------------------|
| K ₂ HPO ₄ x 3H ₂ O..... | 2.9 | g |
| KH ₂ PO ₄ | 1.5 | g |
| (NH ₄) ₂ SO ₄ | 1.3 | g |
| MgCl ₂ x 6H ₂ O..... | 1.0 | g |
| CaCl ₂ x 2H ₂ O..... | 0.15 | g |
| FeSO ₄ | 1.25 | mg or (1.25ml of mg/ml solution) |
| Yeast Extract..... | 2.0 | g |
| Cellulose..... | 7.5 | g |
| Resazurin..... | 2.0 | ml |
| Cysteine HCl (add after boiling)..... | 1.0 | g |
| DI Water..... | 1.0 | L |

Adjust final pH to 7.2. Prepare medium, dispense under a constant flow of nitrogen, stopper and autoclave 15 minutes. For preparation of solid media add 20g of agar, adjust pH to 7.5 with NaOH.