

60. CLOSTRIDIUM THERMOACETICUM MEDIUM**Solution A:**

MgSO ₄ x 7 H ₂ O	0.10	g
(NH ₄) ₂ SO ₄	0.50	g
Fe(NH ₄) ₂ (SO ₄) ₂	0.04	g
Na ₂ MoO ₄ x 2 H ₂ O	2.40	mg
Na ₂ SeO ₃ x 5 H ₂ O	0.15	mg
Tryptone	5.00	g
Yeast extract	5.00	g
Resazurin	0.50	mg
Distilled water	800.00	ml

Solution B:

K ₂ HPO ₄	7.00	g
KH ₂ PO ₄	4.50	g
Distilled water	50.00	ml

Solution C:

Glucose	18.00	g
Distilled water	50.00	ml

Solution D:

NaHCO ₃	10.00	g
Distilled water	100.00	ml

Solution E:

Cysteine-HCl x H ₂ O	0.30	g
Distilled water	10.00	ml

Solution F:

Na ₂ S x 9 H ₂ O	0.30	g
Distilled water	10.00	ml

Prepare solution A anaerobically under 100% CO₂. Distribute and autoclave under CO₂. Autoclave separately solutions B, C, E and F under 100% N₂, and solution D under CO₂ gas atmosphere. After sterilization combine all solutions aseptically. Adjust pH of the complete medium to 6.9 if necessary.