

489. CLOSTRIDIUM AEROTOLERANS MEDIUM

K ₂ HPO ₄	0.22	g
KH ₂ PO ₄	0.22	g
NaCl	0.45	g
(NH ₄) ₂ SO ₄	0.45	g
CaCl ₂ x 2 H ₂ O	0.06	g
MgSO ₄ x 7 H ₂ O	0.09	g
Yeast extract	5.00	g
Xylan	5.00	g
Na-resazurin solution (0.1% w/v)	0.50	ml
L-Cysteine-HCl x H ₂ O	0.15	g
Na ₂ S x 9 H ₂ O	0.15	g
Distilled water	1000.00	ml

Dissolve ingredients (except cysteine and sulfide), adjust pH to 7.0, bring medium to the boil, then cool to room temperature under 100% N₂ gas. Dispense under same gas atmosphere into anoxic Hungate-type tubes or serum vials and autoclave. After sterilization add cysteine and sulfide from sterile anoxic stock solutions prepared under 100% N₂ gas.