

1057. ETHANOLIGENES MEDIUM

Tryptone (BD BBL)	4.0	g
Beef extract (BD BBL)	2.0	g
Yeast extract (OXOID)	1.0	g
NaCl	4.0	g
K ₂ HPO ₄	1.5	g
FeSO ₄ x 7 H ₂ O	0.1	g
MgCl ₂ x 6 H ₂ O	0.2	g
Trace elements solution (see medium 318)	1.0	ml
Na-resazurin solution (0.1% w/v)	0.5	ml
L-Cysteine-HCl x H ₂ O	0.5	g
D-Glucose	10.0	g
Vitamin solution (see medium 141)	10.0	ml
Distilled water	1000.0	ml

Dissolve ingredients (except cysteine, glucose and vitamins), sparge medium with 100% N₂ gas for 30 – 45 min to make it anoxic. Add cysteine and adjust pH to 6.0, then dispense medium under 100% N₂ gas atmosphere into anoxic Hungate-type tubes or serum vials and autoclave. Prior to inoculation add glucose and vitamins from sterile anoxic stock solutions prepared under 100% N₂ gas. The vitamin solution should be sterilized by filtration. Adjust pH of complete medium to 6.0, if necessary.