

1476. SALIMESOPHILOBACTER MEDIUM

K ₂ HPO ₄	0.40	g
KH ₂ PO ₄	0.40	g
NH ₄ Cl	0.50	g
Na ₂ SO ₄	1.00	g
MgCl ₂ x 6 H ₂ O	5.00	g
CaCl ₂ x 2 H ₂ O	1.00	g
NaCl	30.00	g
KCl	0.70	g
K-acetate	5.00	g
Yeast extract	5.00	g
Trypticase peptone (BD BBL)	5.00	g
Trace element solution SL-10 (see medium 320)	1.00	ml
Na-resazurin solution (0.1% w/v)	0.50	ml
NaHCO ₃	2.50	g
L-Cysteine-HCl x H ₂ O	0.50	g
Na ₂ S x 9 H ₂ O	0.50	g
Distilled water	1000.00	ml

Dissolve ingredients except bicarbonate, cysteine and sulfide, then sparge medium with 80% N₂ and 20% CO₂ gas mixture for 30 – 45 min to make it anoxic. Dispense medium under the same gas atmosphere into anoxic Hungate-type tubes or serum vials and autoclave. Add cysteine and sulfide from sterile anoxic stock solutions prepared under 100% N₂ gas and bicarbonate from a sterile anoxic stock solution prepared under 80% N₂ and 20% CO₂ gas mixture. Prior to use adjust pH of complete medium to 7.3 - 7.5, if necessary.