

986. PARAMALIEDIVIBACTER MEDIUM

Sea Salts (SIGMA)	30.00	g
NH ₄ Cl	1.00	g
K ₂ HPO ₄	0.30	g
KH ₂ PO ₄	0.30	g
Peptone	0.50	g
Yeast extract	0.50	g
Na-resazurin solution (0.1% w/v)	0.50	ml
NaHCO ₃	2.00	g
D-Glucose	4.00	g
Vitamin solution (see medium 141)	10.00	ml
L-Cysteine-HCl x H ₂ O	0.25	g
Na ₂ S x 9 H ₂ O	0.25	g
Distilled water	1000.00	ml

Dissolve ingredients (except bicarbonate, glucose, vitamins, cysteine and sulfide), sparge medium with 100% N₂ gas for 30 – 45 min to make it anoxic. Dispense medium under same gas atmosphere into anoxic Hungate-type tubes or serum vials and autoclave. Add vitamins, glucose, sulfide and cysteine 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. Vitamins should be sterilized by filtration. The pH of the complete medium should be 7.0.

For [DSM 103478](#) adjust pH of complete medium to pH 7.5 - 8.0.