

1477. CALORAMATOR QUIMBAYENSIS MEDIUM

K ₂ HPO ₄	0.30	g
KH ₂ PO ₄	0.30	g
NH ₄ Cl	1.00	g
MgCl ₂ x 6 H ₂ O	1.50	g
CaCl ₂ x 2 H ₂ O	0.10	g
NaCl	20.00	g
KCl	0.10	g
Trace element solution (see medium 318)	1.00	ml
Yeast extract	1.00	g
Na-resazurin solution (0.1% w/v)	0.50	ml
NaHCO ₃	0.50	g
D-Glucose	3.60	g
Vitamin solution (see medium 141)	10.00	ml
Distilled water	1000.00	ml

Dissolve ingredients except bicarbonate, glucose and vitamins, then sparge medium with 100% N₂ gas 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 glucose and vitamins (sterilized by filtration) 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 7.0 - 7.2, if necessary.