

834. COPROTHERMOBACTER PLATENSIS MEDIUM

Meat peptone (BD Bacto)	5.00	g
Tryptone (BD Bacto)	5.00	g
Yeast extract	10.00	g
KH ₂ PO ₄	0.30	g
NaCl	0.60	g
MgCl ₂ x 6 H ₂ O	0.10	g
CaCl ₂ x 2 H ₂ O	0.08	g
Trace element solution SL-10 (see medium 320)	1.00	ml
Selenite-tungstate solution (see medium 385)	1.00	ml
Vitamin solution (see medium 141)	10.00	ml
Na-resazurin solution (0.1% w/v)	0.50	ml
L-Cysteine-HCl x H ₂ O	0.25	g
Distilled water	1000.00	ml

Dissolve ingredients (except cysteine), boil medium for 1 min, then cool to room temperature under 100% N₂ gas atmosphere. Dispense medium under same gas atmosphere into anoxic Hungate-type tubes or serum vials and autoclave. Before inoculation, add cysteine from a sterile anoxic stock solution prepared under 100% N₂ gas and adjust pH of complete medium to 7.0.