

104d. MALEDIVIBACTER MEDIUM (BETAINE)

Trypticase peptone (BD BBL)	5.0	g
Peptone from meat (pepsin-digested)	5.0	g
Yeast extract	10.0	g
Salt solution (see medium 104)	40.0	ml
NaCl	60.0	g
MgSO ₄ x 7 H ₂ O	5.0	g
Betaine x H ₂ O	6.0	g
Na-resazurin solution (0.1% w/v)	0.5	ml
L-Cysteine-HCl x H ₂ O	0.5	g
Distilled water	1000.0	ml

Dissolve ingredients (except cysteine), boil medium for 1 min, then cool to room temperature under 100% N₂ gas atmosphere. Add cysteine and adjust pH to 7.3. Thereafter, dispense under 100% N₂ gas atmosphere into anoxic Hungate-type tubes or serum vials and autoclave. Adjust pH of complete medium to **7.3 – 7.5**.