122: ACETIVIBRIO MEDIUM

$(NH_4)_2SO_4$	1.30	g
$MgCl_2$ x 6 H_2O	2.60	g
KH_2PO_4	1.43	g
K_2HPO_4	5.50	g
$CaCl_2$ x 2 H_2O	0.13	g
Na_2-ß-glycerophosphate x 5 H_2O (MERCK 35675)	6.00	g
$FeSO_4$ x 7 H_2O (0.1% w/v in 0.1 N H_2SO_4)	1.10	ml
L-Glutathione (reduced)	0.25	g
Yeast extract	4.50	g
Sodium resazurin (0.1% w/v)	0.50	ml
Cellobiose	5.00	g
Cellulose (Avicel or MN 301) (optional)	10.00	g
Distilled water	1000.00	ml

1. Dissolve ingredients except cellobiose, sparge medium with 80% N_2 and 20% CO_2 gas mixture for 30 - 45 min to make it anoxic. Then adjust pH to 7.0 - 7.2, distribute under same gas atmosphere in anoxic Hungate-type tubes or serum vials and autoclave. Cellobiose is added to the sterile medium from an anoxic 10% (w/v) stock solution prepared under 100% N_2 gas and sterilized by filtration. Some strains can be adapted to cellulose as substrate using 10.00 g/l cellulose (Avicel or MN 301, MACHEREY-NAGEL).

2. Note: A white precipitate forms after mixing the ingredients of this medium, but this has no negative effect on growth.