

ATCC medium: 2190 *Fusibacter paucivorans* medium

NH ₄ Cl	1.0 g
K ₂ HPO ₄	0.3 g
KH ₂ PO ₄	0.3 g
MgCl ₂ . 6H ₂ O	3.0 g
CaCl ₂ . 2H ₂ O	0.1 g
KCl.....	1.0 g
NaCl.....	30.0 g
Yeast extract.....	1.0 g
Trypticase.....	1.0 g
Sodium acetate . 3H ₂ O.....	0.5 g
Modified Wolfe's Minerals (See below)...	10.0 ml
Resazurin.....	0.5 mg
Sodium thiosulfate . 5H ₂ O.....	3.16 g
L-Cysteine . HCl.....	0.5 g
Distilled water.....	1.0 L

Adjust pH to 7.0. Bring to boil under 80% N₂, 20% CO₂.
Autoclave at 121C for 15 minutes.

While still hot, and under gas, add the following filter-sterilized solutions in the order given.

Glucose, 20%, w/v.....	18.0 ml
NaHCO ₃ , 10% w/v.....	40.0 ml
Na ₂ S . 9H ₂ O, 3% w/v	10.0 ml

Adjust final pH of medium to 7.3 and dispense under gas.

Modified Wolfe's Minerals:

Na ₂ SeO ₃	10.0 mg
NiCl ₂ . 6H ₂ O	10.0 mg
Na ₂ WO ₄ . 2H ₂ O.....	10.0 mg
Wolfe's Mineral Solution (see below).....	1.0 L

Wolfe's Mineral Solution:

Available from ATCC as a sterile ready-to-use liquid (Trace Mineral Supplement, catalog no. MD-TMS.)

Nitrilotriacetic acid.....	1.5 g
MgSO ₄ . 7H ₂ O	3.0 g
MnSO ₄ . H ₂ O	0.5 g
NaCl.....	1.0 g
FeSO ₄ . 7H ₂ O	0.1 g
CoCl ₂ . 6H ₂ O	0.1 g
CaCl ₂	0.1 g
ZnSO ₄ . 7H ₂ O	0.1 g
CuSO ₄ . 5H ₂ O	0.01 g
AlK(SO ₄) ₂ . 12H ₂ O.....	0.01 g
H ₃ BO ₃	0.01 g
Na ₂ MoO ₄ . 2H ₂ O.....	0.01 g
Distilled water.....	1.0 L

Add nitrilotriacetic acid to approximately 500 ml of water and adjust to pH 6.5 with KOH to dissolve the compound. Bring volume to 1.0 L with remaining water and add remaining compounds one at a time.