

ATCC medium: 1698 *Clostridium aldrichii* medium

NH ₄ Cl	2.0 g
KCl	0.5 g
K ₂ HPO ₄	1.65 g
MgSO ₄ . 7H ₂ O	0.5 g
Trypticase Peptone (BD 211921)	0.5 g
Yeast extract	0.5 g
Cellobiose	10.0 g
NaCl	0.9 g
(NH ₄) ₂ SO ₄	0.9 g
CaCl ₂	0.09 g
Wolfe's Mineral Solution (see below)	10.0 ml
Wolfe's Vitamin Solution (see below)	10.0 ml
Resazurin	0.5 mg
L-Cysteine . HCl	0.5 g
Na ₂ S . 9H ₂ O	0.2 g
Agar (for solid medium)	15.0 g
Distilled water	1.0 L

Prepared medium anaerobically under 80% N₂, 20% CO₂. Adjust to pH 7.0 with NaHCO₃. Tube medium anaerobically under same gas phase. Autoclave at 121C for 15 minutes.

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.

Wolfe's Vitamin Solution:

Available from ATCC as a sterile ready-to-use liquid (Vitamin Supplement, catalog no. MD-VS).

Biotin.....	2.0 mg
Folic acid.....	2.0 mg
Pyridoxine hydrochloride....	10.0 mg
Thiamine . HCl.....	5.0 mg
Riboflavin.....	5.0 mg
Nicotinic acid.....	5.0 mg
Calcium D-(+)-pantothenate...	5.0 mg
Vitamin B12.....	0.1 mg
p-Aminobenzoic acid.....	5.0 mg
Thioctic acid.....	5.0 mg
Distilled water.....	1.0 L