

ATCC medium: 1658 MMS Medium for *Thermotoga neapolitana*

NaCl.....	6.93 g
MgSO ₄ . 7H ₂ O	1.75 g
MgCl ₂ . 6H ₂ O	1.38 g
KCl.....	0.16 g
NaBr.....	25.0 mg
H ₃ BO ₃	7.5 mg
SrCl ₂ . 6H ₂ O	3.8 mg
KI.....	0.025 mg
CaCl ₂	0.38 g
KH ₂ PO ₄	0.5 g
Na ₂ S . 9H ₂ O	0.5 g
(NH ₄) ₂ Ni(SO ₄) ₂	2.0 mg
Wolfe's Mineral Solution (see below)....	15.0 ml
Resazurin.....	1.0 mg
Starch.....	5.0 g
Distilled water to.....	1.0 L

Adjust final pH to 6.5 with H₂SO₄. Prepare anaerobically under 80% N₂, 20% CO₂. Autoclave.

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.

