

ATCC medium: 2299 *Archaeoglobus* medium (DSM 399)

KCl.....	0.34 g
MgCl ₂ . 6H ₂ O	4.0 g
MgSO ₄ . 7H ₂ O	3.45 g
NH ₄ Cl	0.25 g
CaCl ₂ . 2H ₂ O	0.14 g
K ₂ HPO ₄	0.14 g
NaCl.....	18.0 g
Yeast extract.....	0.5 g
Starch.....	1.5 g
Fe(NH ₄) ₂ (SO ₄) ₂ . 7H ₂ O	2.0 mg
Trace Elements (see below).....	10.0 ml
Resazurin.....	1.0 mg
NaHCO ₃	5.0 g
Na ₂ S . 9H ₂ O	0.5 g
Distilled water.....	1.0 L

Dissolve ingredients except sodium bicarbonate and sodium sulfide. Bring to a boil for 3 minutes under nitrogen gas, cool, add bicarbonate, and adjust to pH 6.9. Dispense anaerobically under the same gas phase and pressurize sealed containers up to 2 bars. Autoclave at 121C for 15 minutes. Prior to inoculation, add sodium sulfide from an anaerobic, neutral stock solution.

Trace Elements:

Nitrilotriacetic acid.....	1.5 g
MgSO ₄ . 7H ₂ O	3.0 g
MnSO ₄ . 2H ₂ O	0.5 g
NaCl.....	1.0 g
FeSO ₄ . 7H ₂ O	0.1 g
CoSO ₄ . 7H ₂ O	0.18 g
CaCl ₂ . 2H ₂ O	0.1 g
ZnSO ₄ . 7H ₂ O	0.18 g
CuSO ₄ . 5H ₂ O	0.01 g
KAl(SO ₄) ₂ . 12H ₂ O.....	0.02 g
H ₃ BO ₃	0.01 g
Na ₂ MoO ₄ . 2H ₂ O.....	0.01 g
NiCl ₂ . 6H ₂ O	0.025 g
Na ₂ SeO ₃ . 5H ₂ O.....	0.3 mg
Distilled water.....	1.0 L

Add nitrilotriacetic acid to approximately 500 ml of the distilled water and dissolve by adjusting to pH 6.5 with KOH. Add remaining salts. Bring volume to 1.0 L with remaining distilled water. Adjust solution to pH 7.0 with KOH.