ATCC medium: 1775 *Archaeoglobus* medium (DSM 399)

KCl.....0.34 g
$MgCl_2 \cdot 6H_2O$ .....4.0 g
$MgSO_4 \cdot 7H_2O$ .....3.45 g
NH_4Cl .....0.25 g
$CaCl_2 \cdot 2H_2O$ .....0.14 g
K_2HPO_4 .....0.14 g
NaCl.....18.0 g
$NaHCO_3$ .....5.0 g
Yeast Extract (BD 212750).....0.5 g
Sodium lactate.....1.5 g
$Fe(NH_4)_2(SO_4)_2 \cdot 7H_2O$ .....2.0 mg
Trace Elements Solution (see below).....10.0 ml
Resazurin.....1.0 mg
$Na_2S \cdot 9H_2O$ .....0.5 g
Distilled water.....1.0 L

Dissolve ingredients except sodium bicarbonate and sodium sulfide. Boil for 3 minutes; then cool quickly to room temperature while gassing with 80% N_2, 20% CO_2. Add sodium bicarbonate and adjust to pH 6.9. Dispense anaerobically under the same gas phase and pressurize sealed containers up to 2 bar. Autoclave at 121C for 15 minutes. Prior to inoculation add sodium sulfide from an anaerobic, neutral stock solution.

Trace Elements Solution:
Nitrilotriacetic acid.....1.5 g
$MgSO_4 \cdot 7H_2O$ .....3.0 g
$MnSO_4 \cdot 2H_2O$ .....0.5 g
NaCl.....1.0 g
$FeSO_4 \cdot 7H_2O$ .....0.1 g
$CoSO_4 \cdot 7H_2O$ .....0.18 g
$CaCl_2 \cdot 2H_2O$ .....0.1 g
$ZnSO_4 \cdot 7H_2O$ .....0.18 g
$CuSO_4 \cdot 5H_2O$ .....0.01 g
$KAl(SO_4)_2 \cdot 12H_2O$.....0.02 g
H_3BO_3 .....0.01 g
$Na_2MoO_4 \cdot 2H_2O$.....0.01 g
$NiCl_2 \cdot 6H_2O$ .....0.025 g
$Na_2SeO_3 \cdot 5H_2O$.....0.3 mg
Distilled water.....1.0 L

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