

ATCC Medium: 2867 Thermophile Medium

NaHCO ₃	2.5 g
CaCl ₂ x 2H ₂ O.....	0.08 g
NH ₄ Cl.....	1.0 g
MgCl ₂ x 6H ₂ O.....	0.2 g
NaCl.....	20.0 g
HEPES.....	1.0 g
0.01% Resazurin.....	1 mL
Yeast Extract.....	0.5 g
Trace Metal.....	10 ml
Vitamin Solution (ATCC MD-VS).....	1 ml
DI Water.....	1000 ml

Dispense under N₂:CO₂ (80:20, v:v) and autoclave at 121C.

Trace Metal

HCl (25 % solution, w/w).....	10 mL
FeCl ₂ x 4H ₂ O.....	1.5 g
CoCl ₂ x 6H ₂ O.....	0.19 g
MnCl ₂ x 4H ₂ O.....	0.1 g
ZnCl ₂	70 mg
H ₃ BO ₃	6 mg
Na ₂ MoO ₄ x 2H ₂ O.....	36 mg
NiCl ₂ x 6H ₂ O.....	24 mg
CuCl ₂ x 2H ₂ O.....	2 mg
DI Water.....	1000 ml

Headspace: N₂:CO₂ (80:20, v:v)

Electron donor: hydrogen (5 mL/25 mL serum tube)

Carbon source: acetate (5 mM)

Electron acceptor: ferric citrate (10 mM) or amorphous ferrihydrite

Incubation temperature: 42 °C

Others: in dark