

ATCC Medium: 1246 Mineral Medium for Hydrogen Bacteria

Basal Medium

KH ₂ PO ₄	2.3 g
Na ₂ HPO ₄ x 2H ₂ O.....	2.9 g
NH ₄ Cl	1.0 g
MgSO ₄ x 7H ₂ O.....	0.5 g
NaHCO ₃	0.5 g
CaCl ₂ x 2H ₂ O.....	0.01 g
DI Water.....	980.0 ml
Agar (if needed).....	15.0 g

Autoclave at 121°C. After basal medium has cooled aseptically add the following solution:

Ferric Ammonium Citrate Solution

Ferric ammonium citrate.....	0.05 g
DI Water.....	20 ml

Filter sterilize.

Incubate at 30°C under a gas mixture of 60% H₂, 10% CO₂, 25% N₂, 5% O₂.