

ATCC Medium: 1903 Leptospirillum ferrooxidans Medium

Fe SO ₄ x 7H ₂ O.....	30.0 g
(NH ₄) ₂ SO ₄	0.13 g
KH ₂ PO ₄	27.0 mg
MgCl ₂ x 6H ₂ O.....	25.0 mg
CaCl ₂ x 2H ₂ O.....	147.0 mg
Trace elements (see below).....	1.0 ml
DI Water.....	1000.0 ml

Acidify distilled water with concentrated H₂SO₄ bringing pH to 3. Add components. Adjust for final pH 2.0 with H₂SO₄. Autoclave at 121°C.

Trace Elements

MnCl ₂ x 2H ₂ O.....	0.10 g
ZnCl ₂	70.0 mg
CoCl ₂ x 6H ₂ O.....	0.12 g
H ₃ BO ₃	31.0 mg
Na ₂ MoO ₄ x 2H ₂ O.....	85.2 mg
DI Water.....	1000.0 ml