

ATCC medium: 1467 *Ilyobacter* medium

KH ₂ PO ₄	0.2 g
NH ₄ Cl	0.25 g
NaCl	20.0 g
MgCl ₂ . 6H ₂ O	3.0 g
KCl	0.5 g
CaCl ₂ . 2H ₂ O	0.15 g
Trace Element Solution SL-7 (see below).....	1.0 ml
Resazurin.....	1.0 mg
NaHCO ₃ (see below)	2.5 g
Sodium L-tartrate (see below).....	2.0 g
Na ₂ S . 9H ₂ O (see below)	0.36 g
Distilled water.....	1.0 L

Adjust for final pH 7.2. Prepare and dispense medium anaerobically under an atmosphere of 80% N₂, 20% CO₂. Add sodium bicarbonate, trace elements, and sodium L-tartrate to sterile basal medium from filter-sterilized stock solutions. Autoclave sodium sulfide (3.6% w/v aqueous) under nitrogen and add to sterile medium at time of inoculation. Autoclave agar separately, if needed.

Trace Element Solution SL-7:

Hydrochloric acid, 25%.....	10.0 ml
FeCl ₂ . 4H ₂ O	1.5 g
CoCl ₂ . 6H ₂ O	190.0 mg
MnCl ₂ . 4H ₂ O	100.0 mg
ZnCl ₂	70.0 mg
H ₃ BO ₃	62.0 mg
Na ₂ MoO ₄ . 2H ₂ O.....	36.0 mg
NiCl ₂ . 6H ₂ O	24.0 mg
CuCl ₂ . 2H ₂ O	17.0 mg
Distilled water.....	1.0 L

Dissolve the FeCl₂ . 4H₂O in the concentrated HCl, then dilute. Use 1.0 ml/L of medium.