ATCC medium: 1854 2-Methylpyridine medium

K_2HPO_4 .....0.61 g
KH_2PO_4 .....0.39 g
KCl.....0.25 g
Wolfe's Mineral Solution (see below)....10.0 ml
Yeast extract.....0.1 g
2-Methylpyridine (see below).....1.0 ml
Distilled water.....1.0 L

Autoclave basal medium at 121C for 15 minutes.

Add 2-methylpyridine aseptically to cooled, sterile basal medium. Work with this compound in a fume hood. Polyurethane foam media closures are recommended to eliminate odor problems resulting from volatilization of 2-methylpyridine. The foam serves as a trap for the compound in the vapor phase. Unused medium should be treated for disposal as any other solution containing aromatic organic compounds.

Wolfe's Mineral Solution:
Available from ATCC as a sterile ready-to-use liquid (Trace Mineral Supplement, catalog no. MD-TMS.)
Nitrilotriacetic acid.....1.5 g
$MgSO_4 \cdot 7H_2O$ .....3.0 g
$MnSO_4 \cdot H_2O$ .....0.5 g
NaCl.....1.0 g
$FeSO_4 \cdot 7H_2O$ .....0.1 g
$CoCl_2 \cdot 6H_2O$ .....0.1 g
$CaCl_2$.....0.1 g
$ZnSO_4 \cdot 7H_2O$ .....0.1 g
$CuSO_4 \cdot 5H_2O$ .....0.01 g
$AlK(SO_4)_2 \cdot 12H_2O$.....0.01 g
H_3BO_3 .....0.01 g
$Na_2MoO_4 \cdot 2H_2O$.....0.01 g
Distilled water.....1.0 L

Add nitrilotriacetic acid to approximately 500 ml of water and adjust to pH 6.5 with KOH to dissolve the compound. Bring volume to 1.0 L with remaining water and add remaining compounds one at a time.