

1475. METALLIBACTERIUM MEDIUM

$(\text{NH}_4)_2\text{SO}_4$	132.0	mg
$\text{MgCl}_2 \times 6 \text{H}_2\text{O}$	53.0	mg
KH_2PO_4	27.0	mg
$\text{CaCl}_2 \times 2 \text{H}_2\text{O}$	147.0	mg
$\text{VO}_2\text{SO}_4 \times 5 \text{H}_2\text{O}$	0.5	mg
Wolfe's mineral elixier (see medium 792)	1.0	ml
$\text{FeSO}_4 \times 7 \text{H}_2\text{O}$	10.0	mg
Trypticase peptone (BD BBL)	1.4	g
Vitamins solution (see medium 141)	10.0	ml
Distilled water	1000.0	ml

Dissolve ingredients except vitamins and ferrous sulfate and adjust pH of solution to 5.0. Dissolve ferrous sulfate (1% w/v) in 0.1 N H_2SO_4 and add to the medium prior to autoclaving. After autoclaving add vitamins from a stock solution that has been sterilized by filtration.