

**ATCC medium: 1932 Modified DSM 133 (carbon monoxide oxidizers)**

Na<sub>2</sub>HPO<sub>4</sub> . 12H<sub>2</sub>O.....4.5 g  
KH<sub>2</sub>PO<sub>4</sub> .....0.75 g  
NH<sub>4</sub>Cl .....1.5 g  
MgSO<sub>4</sub> . 7H<sub>2</sub>O .....0.2 g  
CaCl<sub>2</sub> . 2H<sub>2</sub>O .....30.0 mg  
Ferric ammonium citrate.....18.0 mg  
Trace Element Solution (see below).....1.0 ml  
Sodium acetate.....3.0 g  
Thiamine . HCl (filter-sterilized).....20.0 mcg  
NaHCO<sub>3</sub> (filter-sterilized) .....1.0 g  
Agar (if necessary).....12.0 g  
Distilled water.....1.0 L

Adjust medium for final pH 7.0. Autoclave heat-stable components at 121C for 15 minutes. Cool to 50C and aseptically add filter-sterilized components.

*Trace Element Solution:*

ZnSO<sub>4</sub> . 7H<sub>2</sub>O .....100.0 mg  
MnCl<sub>2</sub> . 4H<sub>2</sub>O .....30.0 mg  
H<sub>3</sub>BO<sub>3</sub> .....300.0 mg  
CoCl<sub>2</sub> . 6H<sub>2</sub>O .....200.0 mg  
CuCl<sub>2</sub> . 2H<sub>2</sub>O .....10.0 mg  
NiCl<sub>2</sub> . 6H<sub>2</sub>O .....20.0 mg  
Na<sub>2</sub>MoO<sub>4</sub> . 2H<sub>2</sub>O.....900.0 mg  
Na<sub>2</sub>SeO<sub>3</sub> .....20.0 mg  
Distilled water.....1.0 L