

### **ATCC Medium: 12 Azotobacter Supplement**

K <sub>2</sub> HPO <sub>4</sub> .....	1.0 g
MgSO <sub>4</sub> x 7H <sub>2</sub> O.....	0.2 g
NaCl.....	0.2 g
FeSO <sub>4</sub> .....	5.0 mg
Soil Extract (See Below).....	100 ml
Mannitol Solution (See Below).....	100 ml
Agar (if required).....	15.0 g
Tap water.....	800 ml

Adjust base medium to pH 7.6.

Autoclave at 121°C.

#### **Mannitol Solution**

Mannitol.....	20 g
DI Water.....	100 ml

Filter sterilize and add to sterile base medium.

#### **Soil Extract**

African Violet Soil.....	77.0 g
Na <sub>2</sub> CO <sub>3</sub> .....	0.2 g
DI water.....	200 ml

Boil for 1 hour. Filter to clarify before use.