

ATCC Medium: 13 Azotobacter Supplement (Glucose/pH 6.0)

Base Medium

K ₂ HPO ₄	1.0 g
MgSO ₄ x 7H ₂ O.....	0.2 g
NaCl.....	0.2 g
FeSO ₄	5.0 mg
Soil Extract (See Below).....	100 ml
Glucose Solution (See Below).....	100 ml
Agar.....	15.0 g
Tap Water.....	800 ml

Adjust base medium to pH 6.0
Autoclave at 121°C.

Glucose Solution

Glucose.....	20 g
DI Water.....	100 ml

Filter sterilize and add to sterile base.

Soil Extract

African Violet Soil.....	77.0 g
Na ₂ CO ₃	0.2 g
DI water.....	200 ml

Boil for 1 hour. Filter to clarify before use.