

**ATCC medium: 332 *Neurospora* minimal medium**

*Solution A:*

Sodium citrate . 2H <sub>2</sub> O .....	2.5 g
KH <sub>2</sub> PO <sub>4</sub> .....	5.0 g
NH <sub>4</sub> NO <sub>3</sub> .....	2.0 g
MgSO <sub>4</sub> . 7H <sub>2</sub> O .....	0.2 g
CaCl <sub>2</sub> . 2H <sub>2</sub> O .....	0.1 g
Trace Element Solution (see below).....	0.1 ml
Biotin.....	5.0 mcg
Sucrose.....	20.0 g
Distilled water.....	500.0 ml

Filter-sterilize Solution A. Warm to 50C.

*Solution B:*

Agar.....	20.0 g
Distilled water.....	500.0 ml

Autoclave Solution B at 121C for 15 minutes. Cool to 50C. Aseptically combine Solutions A and B. Mix well and pour. Final pH of completed medium is 5.8.

*Trace Element Solution:*

Citric acid . H <sub>2</sub> O .....	5.0 g
ZnSO <sub>4</sub> . 7H <sub>2</sub> O .....	5.0 g
Fe(NH <sub>4</sub> ) <sub>2</sub> (SO <sub>4</sub> ) <sub>2</sub> . 6H <sub>2</sub> O .....	1.0 g
CuSO <sub>4</sub> . 5H <sub>2</sub> O .....	0.25 g
MnSO <sub>4</sub> . H <sub>2</sub> O .....	0.05 g
H <sub>3</sub> BO <sub>3</sub> (anhydrous) .....	0.05 g
Na <sub>2</sub> MoO <sub>4</sub> . 2H <sub>2</sub> O.....	0.05 g
Distilled water to.....	100.0 ml

Add 1 ml of chloroform, if desired, to the Trace Element Solution as a preservative.