

**ATCC medium: 2356 Sonneborn's *Paramecium* medium, alkaline**

Cereal Leaf Powder\*.....2.5 g  
Na<sub>2</sub>HPO<sub>4</sub> .....0.5 g  
Distilled deionized water.....1.0 L

Combine ingredients and boil for 5 minutes.

Filter the grass solution through cheese cloth, then through Whatman #1 filter paper. (Or, filter through fiberglass pre-filters to remove particulates).

Add:

NaHCO<sub>3</sub> .....2.1 g

Add sufficient NaOH to raise pH to 10.5 +/- 0.2.

Place on a stirplate with pH probe inserted. Allow pH to stabilize. Autoclave at 121C for 15 minutes.

\*Cerophyl from Ward's Natural Sciences, Rochester, NY (may be out of date) (or) Cereal Leaves, powder #C-7141, Sigma Chemical Co, St Louis, MO.