ALTERNARIA TENUIS



PETRI DISH CULTURE
TOP OF COLONY



MICROSCOPIC STRUCTURE
MAGNIFICATION 450X

ALTERNARIA TENUIS

CLASS: Fungi Imperfecti

ORDER: Moniliales

FAMILY: Dematiaceae

GENUS: Alternaria

SPECIES: tenuis

MACROSCOPIC VIEW: (Sabouraud Agar) The colony has a cottony appearance and is grey-green when young, and turns green-black at maturity.

MICROSCOPIC VIEW: The spores are pear-shaped, multicellular, and range from 12 to 50 microns in length. The spores occur in chains with the youngest and smallest spore at the distal end of the chain.

COMMON SOURCE: Grows as a saprophyte or parasite on plants and plant materials. The spores are easily made air-borne and can be readily identified in air samples.

ALLERGENIC IMPORTANCE: Considered to be one of the most common causes of symptoms due to allergy to air-borne mold spores.