

10296

FGSC 10296
Deposited on 12/10/10
By Randy Berka and Wendy Yoder (Novozyme)

Received as a glycerol stock on dry ice.

Organism: *Thielavia terrestris* (Apinis) Malloch et Cain, teleomorph
Alternate State: *Acremonium alabamense* Morgan-Jones, anamorph
Designations: NRRL 8126
Isolation: soil
Biosafety Level: 1
Growth Conditions: Potato dextrose agar (PDA)
Temperature: 37.0°C

Applications: produces endoglucanase [2466]
produces mannan endo-1,4-beta-mannosidase beta-mannanase, mannanase [58374]

Comments: thermophilic and acidophilic.
Genome sequencing strain (the Joint Genome Institute at the Department of Energy, USA).

References: Skinner WA, Tokuyama F. Production of cellulase by a thermophilic *Thielavia terrestris*. US Patent 4,081,328 dated Mar 28 1978

Araujo A, Ward OP. Purification and some properties of the mannanases from *Thielavia terrestris*. J. Ind. Microbiol. 6: 269-274, 1990.