

DIAGNOSTIC PROPERTIES AND PIGMENT CHARACTERISTICS OF
THE NEW SPECIES STREPTOMYCES GLAUCORUBER.

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ABSTRACT

Among a big collection of streptomycetes, belonging to the blue-green series, isolated from different soils of Delta river Nile, a single isolate was differentiated by the production of red pigments. It was found to produce pale blue aerial mycelium and orange to red substrate mycelium, medium nonpigmented. It has long spiral chains of spores, spore surface with short spines; melanin negative and nonantagonist. The red pigments were separated into 4 fractions. Absorption maxima of pigment fractions were determined.

The experimented isolate was recognized as a new Streptomyces species to which the name Streptomyces glaucoruber is given.