



***Talaromyces purpureogenus* (Stoll) Samson et al.**

52427™

Description

Strain designation: IMI 178519

Deposited As: *Penicillium purpureogenum* Stoll, anamorph

Type strain: No

Storage Conditions

Product format: Freeze-dried

Intended Use

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

BSL 1

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

ATCC highly recommends that appropriate personal protective equipment is always used when handling vials. For cultures that require storage in liquid nitrogen, it is important to note that some vials may leak when submersed in liquid nitrogen and will slowly fill with liquid nitrogen. Upon thawing, the conversion of the liquid nitrogen back to its gas phase may result in the vial exploding or blowing off its cap with dangerous force creating flying debris. Unless necessary, ATCC recommends that these cultures be stored in the vapor phase of liquid nitrogen rather than submersed in liquid nitrogen.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Growth Conditions

Medium:

ATCC Medium 336: Potato dextrose agar (PDA)

Temperature: 24°C

Handling Procedures

Morphology: Colonies on CYA 15-30mm diameter, plane or radially sulcate, dense, usually velutinous; mycelium bright yellow or red due to encrusted hyphae; conidiogenesis moderate to heavy, Dark green; exudates orange to red; soluble pigment vivid red; reverse dark red or purple, approaching black. Conidiophores borne from surface or aerial mycelium, stipes 70-300 nm long, smooth walled, bearing terminal biverticillate penicillin; penicillin narrow, metulae and phialides appressed, each 10-14nm long; conidia ellipsoidal, sometimes becoming subspheroidal at

maturity.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Talaromyces purpurogenus* (Stoll) Samson et al. (ATCC 52427)

References

References and other information relating to this material are available at www.atcc.org.

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Contact Information

ATCC

10801 University Boulevard

Manassas, VA 20110-2209

USA

US telephone: 800-638-6597

Worldwide telephone: +1-703-365-2700

Email: tech@atcc.org or contact your local distributor
