



# ***Stachybotrys microspora*** **(Mathur et Sankhla)** **Jong et Davis, anamorph**

**18852™**

## **Description**

An ampoule containing viable cells suspended in cryoprotectant.

**Strain designation:** IMI 124902

**Deposited As:** *Stachybotrys atra* var. *microspora* Mathur et Sankhla

**Type strain:** Yes

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## **Storage Conditions**

**Product format:** Freeze-dried

**Storage conditions:** 2°C to 8°C

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## **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.

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## **BSL 1**

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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.

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## Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at [www.atcc.org](http://www.atcc.org).

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## Growth Conditions

### Medium:

ATCC Medium 307: Cornmeal agar

ATCC Medium 336: Potato dextrose agar (PDA)

ATCC Medium 28: Emmons' modification of Sabouraud's agar/broth

**Temperature:** 24-26°C

**Atmosphere:** Aerobic

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## Handling Procedures

For **freeze-dry (lyophilized)** ampoules:

1. Open an ampoule according to enclosed instructions.
2. From a single test tube of **sterile distilled water** (5 to 6 mL), withdraw

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- approximately 0.5 to 1.0 mL with a sterile pipette and apply directly to the pellet. Stir to form a suspension.
3. Aseptically transfer the suspension back into the test tube of sterile distilled water.
  4. Let the test tube sit at room temperature (25°C) undisturbed for **at least 2 hours**; longer (e.g., overnight) rehydration might increase viability of some fungi.
  5. Mix the suspension well. Use several drops (or make dilutions if desired) to inoculate recommended solid or liquid medium. Include a control that receives no inoculum.
  6. Incubate the inoculum at the propagation conditions recommended.
  7. Inspect for growth of the inoculum/strain regularly. The sign of viability is noticeable typically after 1-2 days of incubation. However, the time necessary for significant growth will vary from strain to strain.
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### **Material Citation**

If use of this material results in a scientific publication, please cite the material in the following manner: *Stachybotrys microspora* (Mathur et Sankhla) Jong et Davis, anamorph (ATCC 18852)

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### **References**

References and other information relating to this material are available at [www.atcc.org](http://www.atcc.org).

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Product Sheet

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