



# 42143

## 42143™

### Description

An ampoule containing viable cells (may include spores and mycelia) suspended in cryoprotectant.

**Strain designation:** 40

**Deposited As:** *Fusarium moniliforme* Sheldon, anamorph

**Type strain:** No

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### Storage Conditions

**Product format:** Freeze-dried

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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

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.

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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 submerged 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 submerged 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 343: V8 juice agar

**Temperature:** 24°C

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### Handling Procedures

**Morphology:** Cultures from below typically dark violet but occasionally lilac or vinaceous; surface covered with rosy buff to vinaceous, floccose to felted mycelium which has a powdery appearance due to the formation of microconidia. Microconidia formed in chains, usually one but occasionally two-celled, 5-12 x 1.5-2.5 µm, fusiform to clavate and slightly flattened at each end. Macroconidia delicate, thin-walled, straight or curved and somewhat dorsi-ventral narrowing at both ends, 3-7-septate; 3-septate 25-36 x 2.5-3.5 µm, 5-septate 30-50 x 2.5-4 µm, 7-septate 40-60 x 3-4 µm.

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Chlamyospores absent both in mycelium and conidia; dark blue irregularly globose sclerotia frequently formed.

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### Notes

No special notes.

Additional, updated information on this product may be available on the ATCC web site at [www.atcc.org](http://www.atcc.org).

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### Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: 42143 (ATCC 42143)

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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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