### Description

**Designation:** NRRL 2972 [DSM 43168, JCM 3139, KCC A-0139]  
**Deposited Name:** Micromonospora carbonacea subsp. carbonacea Luedemann and Brodsky

### Medium

ATCC® Medium 172: N-Z amine with soluble starch and glucose

### Growth Conditions

**Temperature:** 26.0°C

### Propagation Procedure

1. Open vial according to enclosed instructions.  
2. From a single tube of #1877 broth (5 to 6 ml), withdraw approximately 0.5 to 1.0 ml with a Pasteur or 1.0 ml pipette and use to rehydrate the pellet.  
3. Aseptically transfer the rehydrated pellet back into the broth tube. Mix well.  
4. Use several drops of this suspension to inoculate an additional broth tube, one or two #172 agar slants and/or a plate.  
5. Incubate the tubes and plate at 26°C for 7 to 14 days.

### Notes

Circular orange colonies become pulvinate and then folded or wrinkled with time. Dark brown pigmentation develops as sporulation occurs. Spores occur singly and are circular and non-motile. Additional information on this culture is available on the ATCC web site at www.atcc.org.

### References

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

### Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the **Biosafety in Microbiological and Biomedical Laboratories** from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

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Please read this FIRST

Biosafety Level

1

Intended Use

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

Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: Micromonospora carbonacea (ATCC® 27114™)