



# *Micromonospora chalcea* (Foulerton)

## Orskov

12452™

### Description

**Strain designation:** 1464-217L

**Deposited As:** *Micromonospora chalcea* (Foulerton) Orskov

**Type strain:** Yes

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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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### Biosafety Level 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.

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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 0196: Yeast malt extract medium ISP #2

**Temperature:** 26°C

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### Handling Procedures

- 1. Open vial according to enclosed instructions.**
- 2. Using a single tube of #196 broth (5 to 6 ml), withdraw approximately 0.5 to 1.0 ml with a Pasteur or glass pipette. Rehydrate the entire pellet.**
- 3. Transfer this aliquot back into the broth tube. Mix well.**
- 4. Use several drops of the suspension to inoculate a second tube of broth, a**

slant and/or a plate.

**5. Incubate all tubes and plate at 26°C for 7 to 14 days.**

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### Notes

On #196 agar, the substrate mycelium is brownish -orange and no aerial mycelium is produced. After 3-5 days colonies are convex to pulvinate and are dry and flaky. There is no soluble pigment.

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### Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Micromonospora chalcea* (Foulerton) Orskov (ATCC 12452)

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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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