



# *Simplicispira metamorpha* (Terasaki) Grabovich et al.

15280™

## Description

**Strain designation:** [IFO 12012, NCIB 9509]

**Deposited As:** *Spirillum metamorphum* Terasaki

**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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## 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 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 3: Nutrient agar or nutrient broth

**Temperature:** 26°C

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### **Handling Procedures**

1. Open vial according to enclosed instructions.
2. From a single tube of #3 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. Incubate at 26°C for 72 hours.

5. After growth has been achieved, use several drops of the suspension to inoculate a second tube of broth, a slant, and/or plate.
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## Notes

This organism prefers growth in broth. Cells appear as thick curved rods with some long filaments.

Colonies on Nutrient Agar are entire, glistening, grainy with a raised center, 0.5 mm in diameter, and translucent.

Additional information on this culture is 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: *Simplicispira metamorpha* (Terasaki) Grabovich et al. (ATCC 15280)

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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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