



Product Sheet

# *Novispirillum itersonii* *subsp. itersonii* (ATCC® 12639™)

Please read this **FIRST**



## 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: *Novispirillum itersonii subsp. itersonii* (ATCC® 12639™)

American Type Culture Collection  
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Fax: 703.365.2750  
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## Description

**Designation:** Giesberger [CIP 105798, NCIMB 9070, NRRL B-2053]

**Deposited Name:** *Spirillum itersonii* Giesberger

## Propagation

### Medium

ATCC® Medium 3: Nutrient agar or nutrient broth

### Growth Conditions

**Temperature:** 26.0°C

### Propagation Procedure

1. Open vial according to enclosed instructions.
2. Using 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. Rehydrate pellet.
3. Aseptically transfer this aliquot back into the broth tube. Mix well.
4. Incubate at 26°C for 48 hours with shaking.
5. After growth has been achieved, use several drops of the suspension to inoculate a second tube of broth, a slant, and/or plate.

## Notes

**Culture grows better in broth with aeration. Cells are spiral shaped and highly motile.**

This strain displays two colony types after 48 hours incubation: a) 75% circular, smooth, entire, convex, glistening, translucent; and b) 25% irregular, flat, rough, and transparent. Colony type b is a variant that has lost the ability to form helical cells (see Bergeys Manual of Systematic Bacteriology, Vol. 1, 1984, pg. 73). Biochemical characterization and the fatty acid profile are identical for both types.

## References

References and other information relating to this product are available online at [www.atcc.org](http://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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***subsp. itersonii* (ATCC®**  
**12639™)**

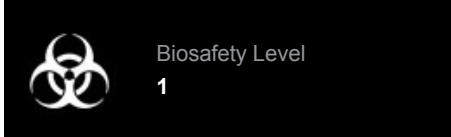
product. The MTA is also available on our Web site at [www.atcc.org](http://www.atcc.org)

Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).

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