



Product Sheet

# *Gluconacetobacter xylinus* (ATCC® 55869™)

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: *Gluconacetobacter xylinus* (ATCC® 55869™)

American Type Culture Collection  
PO Box 1549  
Manassas, VA 20108 USA  
[www.atcc.org](http://www.atcc.org)

800.638.6597 or 703.365.2700  
Fax: 703.365.2750  
Email: [Tech@atcc.org](mailto:Tech@atcc.org)

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## Description

**Designation:** 1306-27

**Deposited Name:** *Acetobacter xylinus* Yamada

## Propagation

### Medium

ATCC® Medium 1719: Modified R70-2 medium with glucose

### Growth Conditions

**Temperature:** 26.0°C

### Propagation Procedure

1. Open vial according to enclosed instructions.
2. Using a single tube of #1719 broth (5 to 6 ml), withdraw approximately 0.5 to 1.0 ml with a Pasteur or 1.0 ml pipette. Rehydrate the entire pellet.
3. Aseptically 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 plate.
5. Incubate all tubes and plate at 26°C for 48 to 72 hours.

## Notes

Growth is observed after 48 to 72 hours. Colonies on agar are entire, glistening, smooth, umbonate, opaque, and cream, changing to tannish-brown with age. This strain should NOT produce a cellulose pellicle if grown on #1719 medium. The organism may mutate to a cellulose producer if grown on other media.

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

## 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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