ATCC

Product Sheet

Zymomonas mobilis (ATCC® 39676™)

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: *Zymomonas mobilis* (ATCC® 39676™)

American Type Culture Collection
PO Box 1549
Manassas, VA 20108 USA
www.atcc.org

800.638.6597 or 703.365.2700
Fax: 703.365.2750
Email: Tech@atcc.org

Or contact your local distributor

Description

Designation: UQM 2716 [ACM 2716]
Deposited Name: *Zymomonas mobilis* (Lindner) Kluyver and van Niel

Propagation

Medium
ATCC® Medium 1731: Zymomonas sucrose

Growth Conditions
Temperature: 28.0°C

Propagation Procedure
1. Open vial according to enclosed instructions.
2. Using a single tube of #1731 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 #1731 agar slant and/or plate.
5. Incubate the tubes and plate at 30°C for 24 to 48 hours.

Notes

Colonies on #1731 agar are pinpoint, circular, entire, translucent, and glistening. Colonies become larger, thick and mucoid over time.

This strain is used in the production of fructose and ethanol from sucrose (1).

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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Disclaimers

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Additional information on this culture is available on the ATCC web site at www.atcc.org.
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