



Product Sheet

Zymomonas mobilis (ATCC® 39676™)

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: *Zymomonas mobilis* (ATCC® 39676™)

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.

ATCC Warranty

The viability of ATCC® products is warranted for 30 days from the date of shipment, and is valid only if the product is stored and cultured according to the information included on this product information sheet. ATCC lists the media formulation that has been found to be effective for this strain. While other, unspecified media may also produce satisfactory results, a change in media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this strain. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

Disclaimers

This product is intended for laboratory research purposes only. It is not intended for use in humans.

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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at www.atcc.org

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

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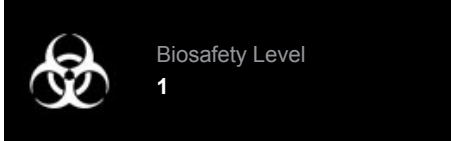


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