



Product Sheet

Azospira oryzae (ATCC® BAA-33™)

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: *Azospira oryzae* (ATCC® BAA-33™)

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: PS [DSM 13638]

Deposited Name: *Dechlorisoma suillum* Achenbach et al.

Propagation

Medium

ATCC® Medium 2215: Dechlorisoma medium

Growth Conditions

Temperature: 35.0°C

Atmosphere: Facultative anaerobe

Propagation Procedure

1. Sterilize the top of the Balch tube by spraying it with 70% ethanol and then flaming the top.
2. If needed exchange the gas in the test tube for 80% N₂ 20% CO₂. Since this culture is able to grow aerobically there is no need to reduce the medium prior to inoculating the Balch tube.
3. After the Balch tube is ready to be inoculated open the freeze-dried vial according to the enclosed instructions.
4. Using a 1.0 ml syringe tipped with 22 gauge needle, withdraw 0.5 ml of the medium from the Balch tube and use this to dissolve the cell pellet at the bottom of the freeze dried vial. Draw the cell suspension from the vial and transfer it to the broth tube and incubate at 35°C. Plate 0.1 ml of the inoculated culture onto a non-selective medium and incubate aerobically at 35°C.
5. Growth should be detected in the broth within 72 to 96 hours. Growth should be detected on the aerobic plate in 48 to 72 hours.

Notes

This organism is a facultative anaerobe, thus it will reduce the medium #2215 after inoculation. Therefore the medium does not need to be reduced prior to being inoculated; however the gas in the head space of the Balch tube should be exchanged for 80% N₂ 20% CO₂

*This organism will grow on Nutrient Agar under aerobic conditions. Colonies are slightly raised smooth white and the edges are slightly irregular.

Cells appear as small thin curved rods that occur singly and in pairs. No motility has been detected.

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

ATCC® products are warranted for 30 days from the date of shipment, and this warranty is valid only if the product is stored and handled according to the information included on this product information sheet. If the ATCC® product is a living cell or microorganism, ATCC lists the media formulation that has been found to be effective for this product. 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 product. 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. While ATCC uses reasonable efforts to include accurate and up-to-date information on this product sheet, ATCC makes no warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. ATCC does not warrant that such information has been



Product Sheet

Azospira oryzae (ATCC®) BAA-33™)

confirmed to be accurate.

This product is sent with the condition that you are responsible for its safe storage, handling, and use. ATCC is not liable for any damages or injuries arising from receipt and/or use of this product. While reasonable effort is made to insure authenticity and reliability of materials on deposit, ATCC is not liable for damages arising from the misidentification or misrepresentation of such materials.

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.

© ATCC 2012. All rights reserved. ATCC is a registered trademark of the American Type Culture Collection. [12/04]

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: *Azospira oryzae* (ATCC® BAA-33™)

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