



# ***Rhodferax antarcticus*** **Madigan et al.**

**BAA-1023™**

## **Description**

**Strain designation:** Fryx1

**Deposited As:** *Rhodferax antarcticus* Madigan et al.

**Type strain:** No

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## **Storage Conditions**

**Product format:** Frozen

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## **Intended Use**

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

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## **BSL 1**

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

ATCC highly recommends that appropriate personal protective equipment is always

used when handling vials. For cultures that require storage in liquid nitrogen, it is important to note that some vials may leak when submersed in liquid nitrogen and will slowly fill with liquid nitrogen. Upon thawing, the conversion of the liquid nitrogen back to its gas phase may result in the vial exploding or blowing off its cap with dangerous force creating flying debris. Unless necessary, ATCC recommends that these cultures be stored in the vapor phase of liquid nitrogen rather than submersed in liquid nitrogen.

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## Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at [www.atcc.org](http://www.atcc.org).

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## Growth Conditions

**Medium:**

ATCC Medium 2497: *Rhodoferrax* Medium

**Temperature:** 20°C**Atmosphere:** Aerobic**Incubation:** 25 watt incandescent lamp

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## Handling Procedures

1. Put 6 to 8 ml of ATCC Medium #2497 into a 13x100 mm screw cap test tube (small). Add 3.0 % cysteine (stock concentration, 2 ml/100 ml medium) and then fill the test tube to capacity with additional Medium #2497. Seal the test tube with a screw cap.
2. Let the tube sit at room temperature for 30 minutes before inoculating it with the

culture.

3. Allow the frozen vial to thaw at room temperature. Remove 0.5 ml of broth and then transfer the entire aliquot into the screw cap test tube and close tightly.

4. Incubate the culture at 18-20°C under an 25W incandescent lamp, do not use a florescent lamp. The culture should be 10 to 12 inches from the light source.

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## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Rhodferax antarcticus* Madigan et al. (ATCC BAA-1023)

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## References

References and other information relating to this material are available at [www.atcc.org](http://www.atcc.org).

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Product Sheet

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## **Revision**

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