



***Alicyclobacillus* sp.**

BAA-757™

Product Sheet

Description

Strain designation: AGC-2 [JCM 12177]

Deposited As: *Acerbivirgula ferriphila*

Type strain: No

Storage Conditions

Product format: Frozen

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.

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.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Growth Conditions

Temperature: 30°C

Handling Procedures

1. Thaw the frozen vial at room temperature.
 2. Using a single tube of #2549 broth (5 to 6 ml), withdraw the cell suspension from the vial and transfer it to the broth.
 3. Withdraw 0.5 ml of the suspension to inoculate a second broth tube.
 4. Incubate the tubes 30°C for 7 to 14 days.
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Notes

The cells are Gram-positive motile rods that produce spores. This organism only

grows under acidic conditions. The medium will start out green/blue, turn orange, and finally become yellow. Turbidity can be used as a growth indicator but microscopic inspection at 1000X is recommended.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Alicyclobacillus* sp. (ATCC BAA-757)

References

References and other information relating to this material are available at www.atcc.org.

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