



Sulfobacillus acidophilus Norris et al.

700253™

Description

Strain designation: DSM 10332 [NAL]

Deposited As: *Sulfobacillus acidophilus* Norris et al.

Type strain: Yes

Storage Conditions

Product format: Frozen

Storage conditions: -80°C or colder

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 submerged 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 submerged 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

Medium:

ATCC Medium 2045: Heterotrophic Acidophile medium

Temperature: 48°C

Atmosphere: Aerobic

Handling Procedures

1. Open thawed vial according to enclosed instructions or visit www.atcc.org for instructions.
 2. Aseptically transfer the entire contents to a 5-6 mL tube of #2045 broth.
 3. Use several drops of the suspension to inoculate additional broth tubes, and a plate of a non-selective medium.
 4. Incubate the tubes and plate at 48°C for 48-96 hours.
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Notes

This organism does not grow on agar therefore no growth should be detected on the non-selective plate. Cells are Gram positive rods that occur singly and in pairs. As the culture ages the cells may appear pleomorphic.

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

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Sulfobacillus acidophilus* Norris et al. (ATCC 700253)

References

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

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Revision

This information on this document was last updated on 2021-05-19

Contact Information

ATCC

10801 University Boulevard

Manassas, VA 20110-2209

USA

US telephone: 800-638-6597

Worldwide telephone: +1-703-365-2700

Email: tech@atcc.org or contact your local distributor
