



Product Sheet

Bacillus alcalophilus (ATCC® 27647™)

Please read this FIRST



Storage Temp.
Frozen: -80°C or colder
Freeze-Dried: 2°C to 8°C
Live Culture: See Propagation Section



Biosafety Level
1

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: *Bacillus alcalophilus* (ATCC® 27647™)

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: NCTC 4553 [NCIB 9772]

Deposited Name: *Bacillus alcalophilus* Vedder

Propagation

Medium

ATCC® Medium 688: Nutrient agar with pH adjusted to 8.0

Growth Conditions

Temperature: 30°C

Atmosphere: Aerobic

Propagation Procedure

1. Open vial according to enclosed instructions.
2. Using a single tube of #688 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 #688 agar slant and/or plate.
5. Incubate the tubes and plate at 30°C for 24-48 hours.
6. After growth has been achieved, transfers may be made to secondary tubes of broth, slants, and /or plates.

Notes

On #688 plates, colonies are entire, smooth, glistening, raised, and tan-colored.

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.

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