



Product Sheet

Bacillus circulans (ATCC® 4513™)

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 circulans* (ATCC® 4513™)

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: 26 [AMS X6, ATCC 24, ATCC 9140, BCRC 10605, CCM 2048, CCUG 7416, CIP 52.72, DSM 11, HAMB1 1911, IAM 12462, JCM 2504, LMG 13261, LMG 6926, NBRC 13626, NCCB 75011, NCIB 9374, NCTC 2610, NRRL B-378, NRRL B-380, NRS 726, PCI 206, VKM B-1242]

Deposited Name: *Bacillus circulans* Jordan

Product Description: Type strain.

Propagation

Medium

ATCC® Medium 3: Nutrient agar or nutrient broth

Growth Conditions

Temperature: 30°C

Atmosphere: Aerobic

Propagation Procedure

1. Open the freeze-dried vial according to enclosed instructions.
2. Using a single tube of #3 broth (5 to 6 mL), withdraw approximately 0.5 to 1.0 mL with a Pasteur or 1.0 mL pipette. Rehydrate the pellet.
3. Aseptically transfer this aliquot back into the broth tube. Mix well.
4. Use several drops of the suspension to inoculate a #3 slant, and/or plate.
5. Incubate all tubes and plates at 30°C for 24 hours.

Notes

Colonies on #3 agar are irregular, glistening, entire, smooth, low convex, and translucent. 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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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this



Product Sheet

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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.

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