**Designation:** Berridge X 13 [BUCSAV 453, NCDO 496, NCIB 8586]
**Deposited Name:** Streptococcus lactis (Lister) Lohnis

**Product Description:** Produces nisin.

**Medium**
ATCC® Medium 44: Brain Heart Infusion Agar/Broth

**Growth Conditions**
**Temperature:** 37°C
**Atmosphere:** Aerobic

**Propagation Procedure**
1. Open vial according to enclosed instructions.
2. Using a single tube of #44 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 #44 agar slant and/or plate.
5. Incubate the tubes and plate at 37°C for 24 hours.

**Biosafety Level:** 1

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

**Notes**
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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Additional information on this culture is available on the ATCC web site at www.atcc.org.
Product Sheet

*Lactococcus lactis subsp. lactis* (ATCC® 11454™)

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: *Lactococcus lactis subsp. lactis* (ATCC® 11454™)