**Designation:** 3HOq18 [ATCC 10313, NCIB 11478]

**Deposited Name:** *Rhizobium leguminosarum* Jordan

**Product Description:** Type strain

**Medium**

ATCC® Medium 111: *Rhizobium* X medium

**Growth Conditions**

**Temperature:** 26°C

**Atmosphere:** Aerobic

**Propagation Procedure**

1. Open vial according to enclosed instructions.
2. Using a single tube of #111 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 second tube of #111 broth, agar slant and/or plate. However, it is advisable to establish good growth in the primary tube before making subsequent transfers.
5. Incubate the tubes and plate at 26°C. Growth should occur in 3 to 5 days.

**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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Product Sheet

*Rhizobium leguminosarum*

(ATCC® 10004™)

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**Please read this FIRST**

**Storage Temp.**

*Frozen:* -80°C or colder

*Freeze-Dried:* 2°C to 8°C

*Live Culture:* See Propagation Section

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**Biosafety Level**

1

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**Intended Use**

This product is intended for research use only. It is not intended for any animal or human therapeutic or diagnostic use.

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**Citation of Strain**

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: *Rhizobium leguminosarum* (ATCC® 10004™)