



# ***Paenibacillus macquariensis* subsp. *macquariensis* (Marshall and Ohye) Ash et al.**

**23464™**

## **Description**

**Strain designation:** [NCTC 10419]

**Deposited As:** *Bacillus macquariensis* Marshall and Ohye

**Type strain:** Yes

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## **Storage Conditions**

**Product format:** Freeze-dried

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## **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.

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## **BSL 1**

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# ***Paenibacillus macquariensis* subsp. *macquariensis*** **(Marshall and Ohye) Ash et al.**

23464

Product Sheet

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 submersed 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 submersed in liquid nitrogen.

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## **Certificate of Analysis**

For batch-specific test results, refer to the applicable certificate of analysis that can be found at [www.atcc.org](http://www.atcc.org).

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## **Growth Conditions**

### **Medium:**

ATCC Medium 470: Potato infusion plus inorganic salts

**Temperature:** 20°C

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## **Handling Procedures**

- 1. Open vial according to enclosed instructions.**
- 2. Using a single tube of #470 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.**

## ***Paenibacillus macquariensis* subsp. *macquariensis*** **(Marshall and Ohye) Ash et al.**

23464

4. Use several drops of the suspension to inoculate a #470 agar slant and/or plate.
  5. Incubate the tubes and plate at 20°C for 2 to 4 days.
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### **Notes**

On #470 agar plates, colonies appear irregular, translucent, flat mucoid and white.

This strain also grows on Trypticase Soy Agar.

Additional information on this culture is available on the ATCC web site at

[www.atcc.org](http://www.atcc.org).

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### **Material Citation**

If use of this material results in a scientific publication, please cite the material in the following manner: *Paenibacillus macquariensis* subsp. *macquariensis* (Marshall and Ohye)

Ash et al. (ATCC 23464)

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### **References**

References and other information relating to this material are available at

[www.atcc.org](http://www.atcc.org).

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## ***Paenibacillus macquariensis* subsp. *macquariensis*** **(Marshall and Ohye) Ash et al.**

23464

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## ***Paenibacillus macquariensis* subsp. *macquariensis*** **(Marshall and Ohye) Ash et al.**

23464

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