# *Pseudomonas aeruginosa* (Schroeter) Migula

**49622™**

## Description

**Strain designation:** 2BBZ-A
**Deposited As:** *Pseudomonas aeruginosa* (Schroeter) Migula
**Type strain:** No

## Storage Conditions

**Product format:** Freeze-dried

## 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.

## BSL 2

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

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.

## Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

## Growth Conditions

**Medium:**
ATCC Medium 1549: Benzoate minimal salts medium
**Temperature:** 28°C

## Handling Procedures

1. Open vial according to enclosed instructions.

**2. Using a single tube of #1549 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. Several drops of this suspension may be used to inoculate a #1549 agar slant and/or plate, but this strain may require a primary growth period in the initial broth**

**before it will grow on any subculture attempts.**

**5. Incubate the primary broth tube and/or additional media at 28ºC for 24-48 hours.**

**6. Within 24-48 hours, growth should be evident by turbidity in the primary broth. Secondary agar media and broth may be inoculated with this cell suspension.**

## Notes

There are 2 colony types on #1549 agar. The majority of the colonies are smooth and entire but there a few colonies that are very small and very pulverate. A diffusible yellow-green fluorescent pigment and a diffusible blue pigment are produced.

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

## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Pseudomonas aeruginosa* (Schroeter) Migula (ATCC 49622)

## References

References and other information relating to this material are available at www.atcc.org.

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## Revision

This information on this document was last updated on 2024-10-24

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