Designation: Boston 41501  
Deposited Name: Pseudomonas aeruginosa (Schroeter) Migula

### Propagation

**Medium**  
ATCC® Medium 18: Trypticase Soy Agar/Broth

**Growth Conditions**

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

**Propagation Procedure**

1. Open vial according to enclosed instructions.
2. From a single tube of #18 broth (5 to 6 mL), withdraw approximately 0.5 to 1.0 mL with a Pasteur or 1.0 mL pipette and use to rehydrate the entire pellet.
3. Transfer the rehydrated pellet back into the broth tube. Mix well.
4. Use several drops of the suspension to inoculate a second tube of broth, a slant, and/or a plate.
5. Incubate all tubes and plates at 37°C for 24 hours.

Certificates of Analysis are available electronically at [www.atcc.org](http://www.atcc.org), or by hardcopy upon request.

Two colony types may be observed. They have been individually characterized and found to be the same. The predominant type is flat with a spreading edge and rough surface. The secondary type is small and compact.

To prevent the proliferation of the second colony type, avoid passing this strain through broth for subsequent transfers. It is recommended to wash the slant with phosphate buffer and use that to inoculate further agar plates and/or agar flasks, if needed.

This strain produces both fluorescein and pyocyanin pigments.

Additional information on this culture is available on the ATCC website at [www.atcc.org](http://www.atcc.org).

**References and other information relating to this product are available online at [www.atcc.org](http://www.atcc.org).**

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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