



Product Sheet

# *Arcobacter cryaerophilus* (ATCC® 43158™)

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  
**2**

## 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: *Arcobacter cryaerophilus* (ATCC® 43158™)

American Type Culture Collection  
PO Box 1549  
Manassas, VA 20108 USA  
[www.atcc.org](http://www.atcc.org)

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Fax: 703.365.2750  
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## Description

**Designation:** A 169/B (02766) [CCUG 17801, LMG 7536, NCTC 11885]

**Deposited Name:** *Campylobacter cryaerophila* Neill et al.

**Product Description:** Type strain.

## Propagation

### Medium

ATCC® Medium 177: Fluid thioglycollate medium

ATCC® Medium 260: Trypticase soy agar/broth with defibrinated sheep blood

### Growth Conditions

**Temperature:** 30°C

**Atmosphere:** Microaerophilic

### Propagation Procedure

1. Open vial according to enclosed instructions.
2. Using a single tube of #1115 or #177 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.
4. Use several drops of the suspension to inoculate a #260 slant, and/or plate.
5. Incubate tubes and plate at 30°C, under microaerophilic conditions, for 24 to 48 hours. Use an anaerobe jar with an active catalyst and a microaerophilic gas generator pack, or other acceptable method. Incubate slant with cap loose.

## Notes

Colonies on #260 agar are small, entire, glistening, circular, smooth, and raised.

Fluid Thioglycollate tube may be incubated aerobically.

Storage at liquid nitrogen temperatures, with 10% sterile glycerol as the cryoprotectant, is recommended for long-term preservation.

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

## References

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

## Biosafety Level: 2

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

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