



Product Sheet

Psychromonas kaikoa (ATCC® BAA-353™)

Please read this FIRST



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: *Psychromonas kaikoa* (ATCC® BAA-353™)

American Type Culture Collection
PO Box 1549
Manassas, VA 20108 USA
www.atcc.org

800.638.6597 or 703.365.2700
Fax: 703.365.2750
Email: Tech@atcc.org

Or contact your local distributor

Description

Designation: JCM 11054 [JT7304]
Deposited Name: *Psychromonas kaikoi*

Propagation

Medium

ATCC® Medium 2: Marine agar 2216 or marine broth 2216

Growth Conditions

Temperature: 10.0°C
Atmosphere: 50 MPa

Propagation Procedure

This organism is an obligate barophile and psychrotroph. Its maximal growth temperature is 15°C. Its minimal growth requirements are 4°C and 5 MPa (=50 bar =725 psi) of pressure. It grows optimally at 10°C and 50 MPa. It is an obligate aerobe. It will survive for only a limited time, 2-3 hrs., on ice at normal atmospheric pressure. This organism should only be grown by people experienced with working with high-pressure apparatus.

Notes

BAA-353 was isolated from the bottom of the Marianus Trench in the Pacific Ocean using a robotic deep sea submersible.

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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