



Anaerobranca horikoshii Engle et al.

700319™

Description

Anaerobranca horikoshii strain JW/YL-138 is a thermophilic bacterium that was isolated from a hot spring at Yellowstone National Park. This strain is part of the National Park Service (NPS) Special Collection.

Strain designation: JW/YL-138 [DSM 9786]

Deposited As: *Anaerobranca horikoshii* Engle et al.

Type strain: Yes

Storage Conditions

Product format: Freeze-dried

Storage conditions: 2°C to 8°C

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 1

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 2073: not yet provided

Temperature: 60°C

Atmosphere: 100% N₂

Handling Procedures

1. Sterilize the top of the Balch tube by spraying it with 70% ethanol and then flame the top.
2. If needed exchange the gas in the test tube for 100% N₂.

Notes

Cells appear as rods of varying length with rounded ends. Colonies are moist, flat with a raised and irregular edges.

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: *Anaerobranca horikoshii* Engle et al. (ATCC 700319)

References

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

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