



Methyloprofundus sedimenti

BAA-2619™

Product Sheet

Description

Type strain.

Strain designation: WF1

Deposited As: *Methyloprofundus sedimenti*

Type strain: Yes

Storage Conditions

Product format: Frozen

Storage conditions: -80°C or colder

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 2850: Modified Nitrate Minimal Salts Medium

Temperature: 20-23°C

Atmosphere: Aerobic

Handling Procedures

1. Open vial according to enclosed instructions. Thaw material.
2. Using a single tube of #2850 (5 to 6 mL), aseptically transfer 0.5 to 1.0 mL to the vial.
3. Aseptically transfer this aliquot back into the broth tube and mix well. Transfer 0.1 mL to each slant and a nonselective medium (plate) to test for purity. After inoculating broth media, add 30% CH₄ to the tubes.

4. Incubate the culture at 20-23°C for 4-7 days. Incubate nonselective plate aerobically.
 5. Broths should be incubated while rocking.
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Notes

Does not grow on plates. Growth may be observed in the biphasic area of a slant when inoculated from an established broth.

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: *Methyloprofundus sedimenti* (ATCC BAA-2619)

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 2024-10-25

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