Magnetospirillum fulvum (van Niel) Hördt et al.

35113™

Description

Magnetospirillum fulvum strain NCIB 11884 is a bacterial type strain that was isolated from a sewage pond.

Strain designation: NCIB 11884 [1360, ATCC 15798, DSM 113, KK, NCIB 11762]
Deposited As: *Rhodospirillum fulvum* van Niel
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 1308: Rhodospirillum medium
Temperature: 30°C
Atmosphere: Anaerobic

Handling Procedures

1. Open vial.
2. After four to seven days, growth is indicated by turbidity and red pigmentation through out the broth. When examined microscopically, the cells appear as spiral rods, in singles and pairs that are motile. Once growth has been detected, the culture should be transferred to fresh broth. Growth should be

detected within 48 to 72 hours.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Magnetospirillum fulvum* (van Niel) Hördt et al. (ATCC 35113)

References

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

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