



Myxosarcina sp.

29377™

Product Sheet

Description

Strain designation: PCC 7312

Deposited As: *Myxosarcina* sp.

Type strain: No

Storage Conditions

Product format: Frozen

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 1047: MN Marine medium (ATCC Medium 957) with 20 mcg/L of vitamin B12

Temperature: 26°C

Incubation: Under light intensity of 200 lux

Handling Procedures

1. Keep vial frozen until ready to use, then let thaw at room temperature.
2. Using a pipette, withdraw the entire vials contents and inoculate a single tube (5.0 to 6.0 ml) of ATCC® Medium #1047 broth.
3. Aseptically remove 1.0 to 1.5 ml of the diluted culture and inoculate an additional two tubes of #1047 broth (0.5 ml per tube) and one or two #1047 slants (0.2ml per slant).

4. Incubate tubes at 26°C under 200 LUX light. It is helpful to incubate test tubes in a slanted position to increase gas exchange in broth and to enhance exposure to light.

Notes

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: *Myxosarcina* sp. (ATCC 29377)

References

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

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