



Thermoleophilum album **Zarilla and Perry**

35266™

Description

Strain designation: NM

Deposited As: *Thermoleophilum album* Zarilla and Perry

Type strain: No

Storage Conditions

Product format: Freeze-dried

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 1554: Mineral salts (L-salts) for thermophiles

Temperature: 55°C

Handling Procedures

1. Open vial according to enclosed instructions.
2. Using a single tube of #1554 broth (5 to 6 ml), withdraw approximately 0.5 to 1.0 ml with a Pasteur or 1.0 ml pipette. Rehydrate the entire pellet.
3. Aseptically transfer this aliquot back into the broth tube. Additional broth tubes may be inoculated with 0.5ml each from the initial broth. It is advisable to establish good growth in broth before making transfers to agar.

4. Incubate tubes statically at 55 or 60°C. Growth should occur in 5 to 6 days at which time further transfers to broth or agar may be made.
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Notes

Better growth is achieved in broth rather than on agar. Agar plates should be incubated in a closed jar or inside a plastic bag to prevent desiccation. Very small translucent to white colonies are formed after 5 to 6 days of incubation at 55 to 60°C.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Thermoleophilum album* Zarilla and Perry (ATCC 35266)

References

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

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