



Aquamicrobium sp.

14635™

Description

Aquamicrobium sp. strain NCIB 2581 is a bacterium that was isolated from soil. This strain decomposes phenol and m-cresol.

Strain designation: NCIB 2581 [ATCC 9495, CCUG 2474, CIP 63.43, LMG 1249, NCTC 2581]

Deposited As: *Vibrio cyclosites* Gray and Thornton

Type strain: No

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

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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 3: Nutrient agar or nutrient broth

Temperature: 26°C

Atmosphere: Aerobic

Handling Procedures

1. Open vial.
2. Using a single tube of #3 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. Mix well.
4. Use several drops of the suspension to inoculate an additional broth tube, a #3

agar slant and/or a plate.

5. Incubate all tubes and plate at 26°C for 48 to 72 hours.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Aquamicrobium* sp. (ATCC 14635)

References

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

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