

Thiohalocapsa marina **Anil Kumar et al. 2009**

BAA-1490TM

Description

Strain designation: JA142 [DSM 19078, JCM 14780]

Deposited As: *Thiohalocapsa jntuji*

Type strain: Yes

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

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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 2740: Annexure-I Medium

Temperature: 26°C

Atmosphere: Anaerobic

Incubation: Under fluorescent light at 2,000 lux

Handling Procedures

1. Immediately prior to working with the culture place the frozen vial at room temperature to thaw.
2. Aseptically transfer the entire contents of the vial into a single broth tube (9 ml) of #2740 broth. Mix well.
3. Use several drops of the suspension to inoculate a nonselective agar plate to use



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as a contamination check. This plate should be incubated in the dark.

4. Incubate the tubes and plate at 26°C for 1 week. Place the tubes of broth under a fluorescent light that reads at a 2000 lux level.

Notes

It is helpful to promote anaerobic growth if the broth tube is 75% full with media. The cells appear healthier in this environment than in a standard 6 ml fill.

On nonselective media, there should be no growth detected after 1 week of incubation. Good growth is indicated by increased pigmentation at the bottom of the broth and should occur after one week of incubation. The cell pigmentation is lavender to purple in coloration. The cells are irregular, non-motile cocci and have visible vacuoles.

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: *Thiohalocapsa marina* Anil Kumar et al. 2009 (ATCC BAA-1490)

References

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

Warranty

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