43214

43214™

Description

Strain designation: Delft 9 [NCMB 2152, NCMB 777, NRC 34020]
Deposited As: *Halobacterium halobium* (Petter) Elazari-Volcani
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 217: Van Niel's yeast agar with 25% NaCl
Temperature: 37°C

Handling Procedures

1. Open vial according to enclosed instructions.

2. Using a single tube of #217 broth, withdraw 0.5 ml and rehydrate the pellet.

3. Transfer the rehydrated pellet back into the tube of broth. Inoculate #217 slant(s). Best growth occurs if the broth is incubated and under light. Inoculate plate(s) of a non-selective to test for contaminates.

4. Incubate the tubes and plates at 37ºC. Growth takes approximately 7 to 10 days to appear. Best growth is

obtained in broth when the culture is incubated with vigorous shaking.

Notes

Growth is indicated by turbidity in the broth and the presence of shiny, entire, smooth, yellow to pale orange colonies on the agar slant. With phase microscopy, cells appear as rods that are motile. The organism stains Gram negative.

This culture can be maintained at room temperature for up to one month.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: 43214 (ATCC 43214)

References

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

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Revision

This information on this document was last updated on 2023-03-01

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