



Halobacterium salinarum **(Harrison and Kennedy)** **Elazari-Volcani**

33171™

Description

Strain designation: NRC 34002 [91-R6, CIP 104033, DSM 3754, NCIMB 764]

Deposited As: *Halobacterium salinarum* (Harrison and Kennedy) Elazari-Volcani

Type strain: Yes

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.

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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 217: Van Niel's yeast agar with 25% NaCl

Temperature: 35°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). Inoculate plate(s) of a non-selective to test for contaminants.
4. Incubate the tubes and plates at 35 to 37°C. Growth will take approximately 7 to

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10 days to appear. Best growth is obtained in broth when the culture is incubated with vigorous shaking.

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Notes

Growth is evident by turbidity in the broth and the presence of smooth, shiny, entire, orange colonies on the slant(s). When examined microscopically the cells appear as irregular rods. This organism stains Gram negative.

This culture can be maintained on a tightly sealed slant at room temperature for up to one month

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Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Halobacterium salinarum* (Harrison and Kennedy) Elazari-Volcani (ATCC 33171)

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References

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

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