



# *Neisseria* *polysaccharea* Riou and Guibourdenche

43768™

## Description

Type strain. Produces amylosucrase.

**Strain designation:** NCTC 11858 [CIP 100.113, LNP N462, NGC 11858]

**Deposited As:** *Neisseria polysaccharea* Riou and Guibourdenche

**Type strain:** Yes

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## Storage Conditions

**Product format:** Freeze-dried

**Storage conditions:** 2°C to 8°C

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## 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.

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## BSL 2

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.

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## Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at [www.atcc.org](http://www.atcc.org).

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## Growth Conditions

**Medium:**

ATCC Medium 2167: Haemophilus Test Medium

ATCC Medium 814: GC Agar/Broth Medium

**Temperature:** 37°C**Atmosphere:** 95% Air, 5% CO<sub>2</sub>

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## Handling Procedures

1. Open vial according to enclosed instructions.
2. Using a single tube of #2167 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 a #814 agar slant and/or plate.
  5. Incubate all tubes and plate at 37°C with 5% CO<sub>2</sub> for 24 to 48 hours. Assure that screw caps are loose during incubation period.
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## Notes

Several Genbank accessions are available for this item:

1. Nucleotide (GenBank) : AX109997 Sequence 730 from Patent W00123604.
2. Nucleotide (GenBank) : AX110213 Sequence 946 from Patent W00123604.
3. Nucleotide (GenBank) : AX111493 Sequence 2226 from Patent W00123604.
4. Nucleotide (GenBank) : AX111514 Sequence 2247 from Patent W00123604.
5. Nucleotide (GenBank) : AX111534 Sequence 2267 from Patent W00123604.
6. Nucleotide (GenBank) : L06167 Neisseria polysaccharea 16S ribosomal RNA.
7. Nucleotide (GenBank) : U02902 Neisseria polysaccharea ATCC 43768 16S rRNA gene, partial sequence.
8. Nucleotide (GenBank) : AF205576 Neisseria polysaccharea aspartate b-semialdehyde dehydrogenase gene, partial cds.
9. Nucleotide (GenBank) : AJ011781 Neisseria polysaccharea amylosucrase gene.
10. Nucleotide (GenBank) : AJ228769 Neisseria polysaccharea 23S rRNA gene, partial.

Additional information on this culture is available on the ATCC® web site at [www.atcc.org](http://www.atcc.org).

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### **Material Citation**

If use of this material results in a scientific publication, please cite the material in the following manner: *Neisseria polysaccharea* Riou and Guibourdenche (ATCC 43768)

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### **References**

References and other information relating to this material are available at [www.atcc.org](http://www.atcc.org).

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