

Fructose solution (20%, Sterile-Filtered)

Cat. No.: F1524584 | Pack size: 100ml | Storage: Room temperature

Overview

Fructose can be utilized as a carbon source for microorganisms. This product is sterilized with a 0.22 µm filter membrane and can be directly added to culture medium.

Product Composition and Formula

Product Name	Component	Molecular Formula/CAS No./Molecular Weight	Formula per Liter	Sterilization Method
Fructose Solution (20%, Sterile-Filtered)	Fructose	C ₆ H ₁₂ O ₆ /7660-25-5/180.16	200 g	0.22 µm Filtration

Precautions

- Unopened fructose solution can be stored at room temperature for 1 year. For long-term preservation, storage at -20 °C is recommended. Discontinue use immediately if contamination is observed after opening.
- Fructose cannot be sterilized by high-temperature autoclaving.

Specifications

Item	Specification
Specifications & Purity	Sterile-filtered, BioReagent, Suitable for microbiology, 20% (w/v) in water
Stability And Storage	Store at room temperature long term (12 months).
Storage	Room temperature
Shipped In	Normal
Application	Microbial culture

Names and Identifiers

Identifier	Value
CAS	7660-25-5

Identifier	Value
Isomeric SMILES	<chem>C1[C@H]([C@H]([C@@H]([C@](O1)(CO)O)O)O)O</chem>
Molecular Weight	180.16
Reaxys-Rn	2042251
Reaxys-RN_link_address	https://www.reaxys.com/reaxys/secured/hopinto.do?context=S&query=IDE.XRN=2042251&ln=

Contact & Global Offices

Whether you have a technical question, need help with a quotation, or want to inquire about an order, our regional teams are ready to assist. Please contact the office for your region; for general inquiries, the North American office is the corporate primary.

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- ☐ This product is not a CE-marked in vitro diagnostic device under IVDR (EU) 2017/746 and is not an FDA-cleared device under 21 CFR. Use is restricted to verified businesses, institutions, and qualified professionals for research and development purposes.
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- ☐ Performance depends on sample type, sample condition, handling, and operator technique. Users are responsible for validating the product for their specific application.
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