
Simulated Gastric Fluid (USP)

Cat. No.: A1509635 | Pack size: 500 mL | Storage: Store at -20°C

Overview

Simulated Gastric Fluid (USP) is a solution that mimics the composition and pH value of gastric juice, designated in accordance with the United States Pharmacopeia. It is mainly composed of sodium chloride, dilute acid, pepsin, etc. Non-sterile processed, it can be used for the testing of capsules, enteric-coated tablets, dropping pills and other preparations, and is particularly suitable for the testing of soft capsules and dropping pills with gelatin as the matrix. This reagent is for research use only and not intended for clinical diagnosis or any other purposes.

Operating Procedures (For Reference Only)

1. For the testing of capsules, enteric-coated tablets, dropping pills and other preparations, a lifting disintegration tester is generally adopted, which mainly consists of a metal support and a basket with baffles.
2. Immerse 6 units of the test capsules, enteric-coated tablets or dropping pills in Simulated Gastric Fluid (USP). They should disintegrate completely within 1 hour. If 1 unit fails to disintegrate completely, another 6 units shall be taken for retesting, and all of them shall meet the requirements.
3. For other experiments, operations shall be performed in accordance with specific experimental requirements.

Precautions

1. Simulated Gastric Fluid (USP) is a non-sterile solution. If sterility is required, sterile filtration with a 0.22 µm filter membrane should be carried out.
2. Avoid repeated freezing and thawing of Simulated Gastric Fluid (USP) to prevent the reduction of its effectiveness.
3. Please use the reagent as soon as possible after opening to avoid affecting subsequent experimental results.
4. For your safety and health, please wear a lab coat and disposable gloves during operation.

Specifications

Attribute	Value
Synonyms	Artificial Gastric Juice Simulated Gastric Fluid
Specifications & Purity	BioReagent
Stability And Storage	Store at -20°C long term (12 months).
Storage Conditions	Store at -20°C
Shipped In	Ice chest + Ice pads. This product requires cold chain shipping. Ground and other economy services are not available.

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.

<p>NORTH AMERICAN SALES, SUPPORT & GENERAL INQUIRIES</p> <p>Aladdin Scientific Corporation</p> <p>14078 Meridian Parkway, Riverside, CA 92518, USA</p> <p>Phone: 1-833-552-7181</p> <p>Sales: sales@aladdinsci.com</p> <p>Customer Service: custserv@aladdinsci.com</p>	<p>EU SALES, LOGISTICS & LOCALIZED SUPPORT</p> <p>Aladdin Biochem Deutschland GmbH</p> <p>Westring 2, 33142 Büren, Germany</p> <p>Phone: +02951 9383958</p> <p>Support: support.eu@aladdinsci.com</p>
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Limitations & Disclaimer

- For Research Use Only (RUO). Not for use in human or animal diagnostics, therapeutics, or in vivo applications. Not for food, cosmetic, or household use.
- 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.
- Where this product is classified as hazardous under CLP (EC) 1272/2008 or OSHA HCS (29 CFR 1910.1200), the product Safety Data Sheet (SDS) takes precedence over this document for handling, storage, and disposal information.



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Product Instructions
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