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## Artificial Urine

Cat. No.: A1509644 | Pack size: 500 mL | Storage: Room temperature

### Overview

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Artificial Urine is a solution formulated to mimic the composition and pH value of natural urine. Also known as Synthetic Urine, Simulated Urine, Artificial Urine Reagent, Synthetic Urine Solution, or Artificial Urine Fluid, it has a similarity of over 99.5% to real human urine, with pH 4.7 being the most commonly used value.

This Artificial Urine complies with the following standards: ISO 3160-2, ISO 105-E04, ISO 12870, EN 1811:2011, EN 6128:2011, etc. It is mainly composed of one or more of the following substances: calcium chloride, magnesium chloride, sodium chloride, sodium sulfate, potassium chloride, phosphate, ammonium chloride, urea, creatinine, etc. The total sodium content in the Artificial Urine is 154 mmol/L, and it contains no creatinine, with a pH value ranging from 5.0 to 7.0. It is suitable for simulation experiments on diapers, nappies, and similar products, and can be used for experiments such as testing the service life of human contact products and determining liquid penetration time. Customization of different pH values is available according to customer requirements, including 2.6, 4.0, 4.5, 4.7, 5.0, 5.5, 8.0, 8.5, 8.7, 8.8, etc. This reagent is for research use only and not intended for clinical diagnosis or any other applications.

### Operating Procedures (For Reference Only)

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Operate in accordance with specific experimental requirements.

### Precautions

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1. Store the Artificial Urine in a sealed container. Once opened, its effectiveness will decrease.
2. For your safety and health, please wear a lab coat and disposable gloves during operation.

### Specifications

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Attribute	Value
Synonyms	Simulated Urine
Specifications & Purity	BioReagent
Stability And Storage	Store at room temperature long term (12 months).

Attribute	Value
Storage Conditions	Room temperature
Shipped In	Normal
Grade	BioReagent

## Names and Identifiers

Attribute	Value
PH	5.0-7.0

## 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 &amp; GENERAL INQUIRIES</p> <p><b>Aladdin Scientific Corporation</b></p> <p>14078 Meridian Parkway, Riverside, CA 92518, USA</p> <p><b>Phone:</b> 1-833-552-7181</p> <p><b>Sales:</b> sales@aladdinsci.com</p> <p><b>Customer Service:</b> custserv@aladdinsci.com</p>	<p>EU SALES, LOGISTICS &amp; LOCALIZED SUPPORT</p> <p><b>Aladdin Biochem Deutschland GmbH</b></p> <p>Westring 2, 33142 Büren, Germany</p> <p><b>Phone:</b> +02951 9383958</p> <p><b>Support:</b> 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.
- Performance depends on sample type, sample condition, handling, and operator technique. Users are responsible for validating the product for their specific application.
- Aladdin product labels, SDS, COA, and approved specifications take precedence over this document. If product formulation, label, SDS, storage conditions, pack size, or quality specifications change, this document must be reviewed and reissued.