

Product Description

Diluting Fluid A | Catalogue No. AS-1413

Product name	Diluting Fluid A	Catalogue No.	AS-1413
Product format	Dehydrated powder medium	Document set	PD / TDS / SDS / COA / HTML
Primary application	Preparation of Fluid A for sterility testing dilution and rinsing operations	Compendial basis	USP / Ph. Eur. / JP concept

Overview

Diluting Fluid A is supplied by AuSaMicS Life Science as a dehydrated powder medium for preparation of compendial-style Fluid A used in sterility testing and related pharmaceutical microbiology workflows. It is not sold as a sterile ready-to-use liquid.

After reconstitution with purified water, the prepared medium functions as a low-nutrient diluting and rinsing fluid intended to maintain microbial viability during dissolution, dilution, suspension and membrane rinsing steps while minimizing growth during handling.

Typical uses

- Preparation of Fluid A for rinsing membranes during sterility testing by membrane filtration.
- Dilution or dissolution of aqueous and soluble test articles before or during sterility testing.
- Short-term suspension or reconstitution of microorganisms where viability should be preserved without significant multiplication.
- General pharmaceutical microbiology workflows requiring a simple non-inhibitory compendial diluent.

Product summary

Parameter	Specification
Nature of product	Dehydrated powder for preparation of Fluid A; supplied dry, not as a ready-to-use liquid.
Typical composition per litre of prepared medium	Peptic digest of animal tissue 1.0 g; purified water to 1 litre.
Reconstitution	Suspend 1.0 g in 1000 mL purified water and dissolve completely. Dispense as required and sterilize using the laboratory's validated preparation procedure.
Typical sterilization practice	Common laboratory practice is autoclaving at 121°C for 15 minutes unless an alternative validated procedure is in place.
Final pH after preparation	7.1 ± 0.2 at 25°C.
Appearance of dehydrated medium	Light beige to amber, free-flowing homogeneous powder.

Parameter	Specification
Appearance of prepared medium	Clear, colourless to pale yellow solution, free from visible particulate matter after complete dissolution.
Storage	Store the dehydrated medium tightly closed in a dry place at 10-30°C, protected from moisture and direct light.

Use limitations

For laboratory, quality control and industrial microbiology use only. Not intended for direct therapeutic, food, cosmetic or household use. Selection of Fluid A versus Fluid D or Fluid K should be based on the product matrix, preservative content and validated method suitability.

Scientific basis

- USP <71> Sterility Tests.
- Ph. Eur. 2.6.1 Sterility.
- JP 4.06 Sterility Tests.
- Comparable manufacturer literature for Fluid A and sterility testing rinse fluids from recognized microbiology suppliers.