

IVD IN VITRO DIAGNOSTIC MEDICAL DEVICE 

NAME BOOZY LIQUID

European Medical Device Nomenclature (EMDN)

**W01030705 FIXING REAGENTS
(HISTOLOGY/CYTOLOGY)**

Packaging available

508836	Bouin Liquid	Packaging 300 ml
526270	Bouin Liquid	Packaging 1 l
526261	Bouin Liquid	Packaging 5 l
526311	Bouin Liquid	Packaging 25 l

Intended use Fabric Fixation.

Principle of the method

Fixation is intended to immobilize cellular and tissue structures, in a state as close as possible to their living state. It should be done as early as possible, by immersing the material in a large volume of fixative fluid. The duration of fixation varies according to the volume of samples.

Bouin's liquid is a good routine fixative giving a good Mason trichromic coloration.

Main Components

- FORMIC ALDEHYDE 35%
- ACETIC ACID
- PICRIC ACID

Warnings and Precautions

The product is intended for specialized technical personnel.

The product is ready to use.

Carefully read the safety and precautionary statements on the label. Always **View the Safety Data Sheet** (accessible from the website at <https://www.carloerbareagents.com/>) containing information on the risks posed by the product, the precautionary measures to be taken during use, first aid measures and response measures in the event of an accidental release.

Do not use if primary container is damaged.

Reagents are produced using uniform methods in accordance with bibliographic references and verified in accordance with quality control specifications.

Procedure

Less than 15 minutes after extraction, immerse the sample in at least 20 times its volume. The average fixing time depends on the size of the part, as an indication, it ranges from 2 to 4 hours for a small part, up to a maximum of 72 hours for a large part.

After fixing, rinse under running water, then pass 50% (v/v) or 70% (v/v) ethanol saturated with lithium carbonate.

Fixed tissues can be preserved in 10% formic aldehyde (v/v) or 70% ethanol (v/v)

Note: Not used in molecular biology because picric acid fragments nucleic acids, and it is also a TAQ polymerase inhibitor used in PCR (polymerase chain reaction).



**Stability**

The product is stable under normal storage conditions.

There is no particular risk of reaction with other substances under normal conditions of use.

Shelf life of the product

The product has a shelf life of 2 years, in unopened packaging and properly stored.

Close the container after use.

After the first opening, the product can be used for 6 months or within the limit of the total shelf life.

Storage conditions

The products are packed in suitable containers, with a sealed cap; They should be kept tightly closed, away from light, in a cool, dry place.

Recommended temperature range for storage: 5-30°C

Waste Disposal

For more information regarding disposal, please refer to the Safety Data Sheet. It is advisable to follow proper safety measures when handling, processing, and disposing of all clinical specimens, as pathogenic organisms may be present

References

Study Protocol in Anatomy and Pathological Cytology PHAT N. VUONG
TEXTBOOK OF GENERAL PATHOLOGICAL ANATOMY

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