

## Bouin

**IVD** In-vitro diagnostic medical device **CE**

**CND Code: W01030705**

Catalog number	Unit size
05-M01008	500 ml
05-01008Q	2.5 l x 4

### Packaging

- 05-01008Q

Primary container: white bottle in polyethylene terephthalate (PET). Useful capacity 2.5 liters. HDPE cap. Tamper evident cap.

The polyethyleneterephthalate is a thermoplastic polymer of the polyester family. PET is an optimal oxygen, carbon dioxide and other gasses barrier. This material has a high resistance to ultraviolet radiation and an inertia toward the mainly chemical agents (solvents: xylene, limonene, liquid paraffines, alcohols, acids, bases etc.). It is biologically inert. It constitutes a good water and humidity barrier. It shows a great hardness and mechanical resistance.

The bottle has an optimal grip. The absence of the handles reduces space for storage. The anti-dropping cap permits a precise and clean use.

Secondary container: carton box.

- 05-M01008

Primary container: white bottle in High Density Polyethylene (HDPE). Useful capacity 500 ml. HDPE cap. Tamper evident cap.

Wear, water, alcohol and solvents resistant PVC label. Scratchproof ink resistant to water and alcohol.

### Expected aim

Product for the preparation of cyto-histological samples for optical microscopy.

### Specifications

pH 1,75

Density 1,028 (29°C)

### Application

Histological and cytological fixative. It gives brilliant staining with cytoplasmic stains (recommended for trichrome staining). It leaves tissues soft and glycogen is well preserved. Not recommended for hemopoietic organs, hemorrhagic tissues and nervous system.

### Fixation technique

1) Volume ratio specimen/ fixative 1 : 50

2) Specimen thickness 1 cm max

3) Fixation time at room temperature: for specimens up to 5 mm 5 hours, for greater thickness 1-3 days

Note: do not wash in water after fixation, but pass directly in alcohol for dehydration.

### Components

Components	CAS	CE	Index
Picric acid	88-89-1	2018659	609-009-00-X
Acetic acid	64-19-7	2005807	607-002-00-6
Formaldehyde 30% w/v	50-00-0	2000018	605-001-00-5
Deionized water			

### Warning and precaution

The product must be used exclusively by specialized technical operators.

Carefully read the information on the classification of dangerous substances on the label. Always refer to the safety data sheet where are available the information on the risks presented by the mixture, the precautionary measures during use, the measures first aid and the intervention in the event of accidental release.

Do not use if the primary container is damaged.

### Storage

Store the preparation at room temperature. Keep the containers tightly closed.

**Stability**

After the first opening, the product is usable until the expiry date, if correctly stored. Product validity: 2 years.

**Disposal**

Hazardous preparation: observe all state and local environmental regulations regarding waste disposal.

**References**

- American Forces Institute of Pathology: Laboratory Methods in Histotechnology, Washington D.C., A.F.I.P. 1994.
- Ganter - Jolles. Histochemie Normale et Pathologique. 1967, Paris.

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