

## Hydrochloric acid Hotchkiss McManus

**Concentration: 1 M**

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

**CND Code: W01030799**

Catalog number	Unit size
05-M05001	500 ml

**Packaging** 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 0.0  
density 1.00 (29°C)

**Application** Differentiating agent in P.A.S. reaction according to Hotchkiss-McManus.

**Method**

- 1) Sections to water
- 2) Periodic acid solution 10 minutes
- 3) Wash in distilled water
- 4) Schiff reagent according to Hotchkiss-McManus 20 minutes
- 5) Wash in distilled water
- 6) Add 10 drops of hydrochloric solution and 10 drops of 10% potassium disulfite solution to 80 ml of distilled water 3 baths of 2 minutes each
- 7) Wash in distilled water
- 8) Mayer's hemalum 1 minute
- 9) Dehydration
- 10) Clearing agents and mount

**Results** P.A.S. positive substances: .....red-magenta  
Nuclei: ..... blue

**Components**

Components	CAS	CE	Index
Hydrochloric acid	7647-01-0	3215957	017-002-00-2
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.

Date of issue: December 2013