Bio Mount HM

mounting medium

IVD In-vitro diagnostic medical device CE

CND Code: W01030706

Catalog number	Unit size
05-BMHM100	100 ml
05-BMHM110	10 x 100 ml
05-BMHM250	250 ml
05-BMHM258	8 x 250 ml
05-BMHM500	500 ml
05-BMHM508	8 x 500 ml

Packaging

- 05-BMHM100, 05-BMHM110
Primary container: amber bottle in polyethylene terephthalate (PET). Useful capacity 100 ml. PE tamper evident cap.
The polyethylenterephthalate is a thermoplastic polymer of the polyester family. PET is an optimal oxygen, carbon dioxide and other gasses barrier. This material has an 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.
Secondary container: carton box.

- 05-BMHM250, 05-BMHM258
Primary container: white bottle in Polyethylene solvent resistant (PE/EVOH). Useful capacity 250 ml. HDPE cap. Tamper evident cap.
Secondary container: carton box.

- 05-BMHM500, 05-BMHM508
Primary container: white bottle in Polyethylene solvent resistant (PE/EVOH). Useful capacity 500 ml. HDPE cap. Tamper evident cap.
Secondary container: carton box.

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

Colour	transparent
Solubility	insoluble in water, soluble in ether, ketones, aromatic hydrocarbons and D-limonene
Refractive Index	1.5
Dynamic viscosity	250 to 450 mPa*s at 20°C
Density 25°C	0,945 / ml

The product is stable to light, heat, humidity and UV rays.

Application

Synthetic mounting medium for histologic and cytologic slides. New fast drying medium for automated coverslipper.

Method

1) Automatic coverslipping instrument: follow the instruction manual of instrument.
2) Manual technique: put one-two drops of Bio Mount HM on the section or smear, previously completely dehydrated, and cover with cover-slide taking care to avoid air bubbles. Allow to dry and harden for 20- 30 minutes in horizontal position.

Components

Components	CAS	CE	Index
Acrilic resins mixture in xylene.			

Functional properties

Bio Mount HM makes the histological preparation stable in the presence of light, high temperatures, low temperatures, humidity and UV rays, keeping the prepared unaltered over time. It is perfectly compatible with processes of clarification conducted in xylene, toluene and d-limonene.

CSQ ISO 9001

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CSQ MED ISO 13485

Warning and precaution	Because xylene is high vapour pressure solvent the bottle must be kept tightly closed at all times. The solvent evaporation increases the medium viscosity. Removal of Bio Mount HM: if required coverslips mounted on Bio-Mount HM may be completely removed. Immerse slide in xylene and occasionally agitate the slide until the coverslip and the medium are removed. Can also be used d-limonene, in this case the times of removal are longer. 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.

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