Technical sheet

Mayer Haemalum

Code product: **320550**

Specifications:

- **Appearance:** Clear purplish blue red solution
- **Optical Density at 560 nm in water:** ≥ 0.525

Applications:

Histo-Cytology:

- used as a nuclear staining solution in Haemalum-Eosin technique and variations for the routine bichromic stainings of histological sections. Mayer Haemalum stains nuclei blue.
- used as a nuclear staining solution in Haemalum-Eosin-Saffron or Haemalum-Phloxin-Saffron techniques for routine trichromic stainings of histological sections. Mayer Haemalum stains nuclei blue.
- used as a nuclear staining solution in Masson technique for trichromic stainings of histological sections with a specific coloration of the collagen with Light Green or Aniline Blue. Mayer Haemalum stains nuclei black-blue or brown.
- used as a nuclear staining solution in a staining with Mucicarmine for the detection of mucopolysaccharides on histological sections. Mayer Haemalum stains nuclei blue.
- used as a nuclear staining solution in P.A.S. technique for the detection of glucidic substances on histological sections. Mayer Haemalum stains nuclei blue.
- used as a nuclear staining solution in a staining with Orcein for the detection of elastic strips and fibres on histological sections. Mayer Haemalum stains nuclei black.
- used as a nuclear staining solution in a staining with Congo Red with a very specific coloration of the amyloid substance on histological sections. Mayer Haemalum stains nuclei blue.
- used as a nuclear staining solution in Gram Weigert technique for the detection of *Pneumocystis carinii* cysts, bacterial walls and mycosis on histological sections. Mayer Haemalum stains nuclei blue.

Histology:

- used as a nuclear staining solution for the staining of lipids by « lysochroms » for the detection of hydrophobic lipidic droplets on histological sections.
- used as a nuclear staining solution in a staining with Thioflavine T for the detection of the amyloid substance (fluorescent green) on histological sections through ultraviolet microscopy.

Cytology: used in Haemalum-Shorr staining for spermocytograms (morphological analysis of spermatozoa).

Mycology: used in P.A.S. staining for the detection of some protozoa and the parietal structures of fungi, *mycelium* and yeasts in smears (cutaneous squama, oropharynx and œsophagus cells, broncho-alveolar lavage fluid).

Note:

Filter the solution before use.

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RAL Diagnostics - Site Montesquieu - 33651 MARTILLAC Cedex – France - Tel : 33+557 960 404 - Fax : 33+557 960 405 - www.ral-diagnostics.fr