



1B-259

Chromotrope 2R

In-vitro diagnostic agent

Description

The product comes in 5 different pack sizes: 1B-259.00010 (10g bottle), 1B-259.00025 (25g bottle), 1B-259.00100 (100g bottle), 1B-259.01000 (1kg bottle) and 1B-259.05000 (5kg canister).

It is a dry dye for preparing a staining solution for professional users for application in histology.

Main components

Chromotrope 2R (C.I. 16570 / Acid Red 29) 100%

Purpose

The dye "Chromotrope 2R" is used for human-medical cell diagnostics and is used for the histological examination of samples of human origin by professional users. The dye is used to prepare a solution (e.g. in hydrochloric acid). In solution, the dye can be used as an eosin substitute in HE staining and trichrome staining and allows staining of the cytoplasm.

Sample material and sample preparation

Sampling may only be carried out by qualified personnel. All samples must be processed with state-of-the-art technology. All samples must be clearly labelled.

Sample material: Paraffin sections (4–6 µm)

Test principle

Staining

Preparation of the 2% Chromotrope 2R dye solution:

- dissolve 2g of the dye chromotrope 2R in 100 ml 0.1 N hydrochloric acid.

Please note: The recipe provided is only one way to prepare the dye solution. Depending on the requirements and standard laboratory procedures, the dye solution can be prepared according to other protocols.



Result

Cytoplasm red

Precautionary measures

When removing the product, care must be taken to avoid contamination of the storage vessel. Once the solution has been removed, it must not be returned to the canister. If turbidity or solids appear, discard the product. The product is intended for single use and must not be reused.

Storage and shelf life

Store the unopened containers in a dry place at 15 to 25 °C, avoiding direct sunlight. The shelf life is 5 years. See also the best-before date (BBD) on the label. Once the containers have been opened, the shelf life corresponds to the best-before date, as long as the storage conditions are observed and the solution is handled properly.

Safety notice

If any serious incidents occur in connection with the product, please report them to the manufacturer and the national authority.

Literature

Romeis, Mikroskopische Technik, Editors: Maria Mulisch, Ulrich Welsch, 2010, Springer Spektrum, 18th edition

