



Product Specification

cdhfinechemical.com

EOSINE YELLOW STAIN SOLUTION 2% w/v

PRODUCT CODE 829620

Intended Use

Eosin, 2% w/v is used as staining solution for monochrome staining of microbes.

Principle And Interpretation

Eosin is most often used as a counterstain to hematoxylin in H&E (hematoxylin and eosin) staining. Eosin is a name of several fluorescent acidic compounds which bind to and from salts with basic, or eosinophilic, compounds like proteins containing amino acid residues such as arginine and lysine, and stains them dark red or pink as a result of the actions of bromine on fluorescein. In addition to staining proteins in the cytoplasm, it can be used to stain collagen and muscle fibers for examination under the microscope. Structures that stain readily with eosin are termed eosinophilic.

PARAMETER	LIMIT
Description	Orange red solution with yellowish green fluorescence.
Solubility	Miscible with water and alcohol.
Residue on evaporation	About 2% w/v.
Suitability for microscopy	To pass the test.

Directions

1. Prepare a smear on a clear, dry glass slide.
2. Allow it to air dry and fix it with gentle heat.
3. Flood the slide with Eosin.
4. Allow the stain to be in contact with the smear for 2-3 minutes or heat the preparation for less than half a minute.
5. Wash in slow-running water.
6. Blot dry and examine under oil immersion objective.

Results

Nuclei: Blue coloured
Cytoplasm : Pink coloured

Note(s) : Assay (if applicable) method mentioned.

IMDG Code :
UN No. :
IATA :

Disposal:- Dispose of contents and container in accordance with relevant legislation.

Hazard pictogram(s) :

Replace date 16-Dec-2023