
Eosin methylene blue

Cell culture tested

Product Code: TC263

Product Description

CAS No.: 62851-42-7

Synonym: Jenner's stain

Eosin-methylene blue is a Romanowsky stain which contains an acidic dye and a basic dye. The acidic dye stains the basic components of the cell and vice versa. It is suitable for histological and hematological applications.

On a well stained slide of blood smear, RBCs are pink, neutrophils are purple, basophil granules are deep purple, eosinophils are orange and platelets are purple-blue in color when stained with Eosin methylene blue.

Quality Control:

Appearance

Green to very dark-green crystals or powder

Solubility

10 ppm in methanol yields dark-blue to very dark-blue clear solution

Specific absorbance 1

>600 (at 522 nm, 10 ppm in methanol)

Specific absorbance 2

>1100 (at 653 nm, 10 ppm in methanol)

Loss on drying (at 105°C, 1 hr)

NMT 10.0%

Cell culture test

Passes

Storage and Shelf Life:

Store at below 30°C away from bright light.

Shelf life is 48 months.

Use before expiry date given on the product label.

Revision : 00 / 2015

Disclaimer:

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