New Methylene Blue N Zinc chloride double salt

Cell Culture Tested

Product Code: TC356

Product Description :

Molecular weight: 347.91
Molecular formula: $C_{18}H_{22}ClN_3S.0.5ZnCl_2$
CAS No.: 1934-16-3
Synonym: Basic Blue 24, Methylene Blue N

New Methylene blue is supravital stain that stains RNA and DNA in reticulocytes deep blue in color. It is good adjunct to Romanowsky stains because it stains cytoplasm weakly but gives excellent nuclear and nucleolar details.

Applications:
Demonstration of immatuare erythrocytes (reticulocytes) in blood
Evaluation of vaginal smears during estrous cycle
Demonstration of Heinz bodies in blood.

Quality Control:

Appearance
Brown to dark brown or deep purple crystals or powder

Solubility
5 ppm solution in water yields clear blue solution

Absorption maxima 1
629.00 -635.00

Absorption maxima 2
588.00 -594.00

Absorption maxima 3
284.00 -290.00

Absorption maxima 4
242.00 -248.00

Cell Culture Test
Complies

Storage and Shelf Life:

The powdered form should be stored at 10-30°C.

Use before expiry date given on the product label.