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AN ISO 9001:2015 & GMP CERTIFIED COMPANY

Product Information

TECHNICAL DATA SHEET / Specification Sheet

May Grunwald's stain

CAS NO. : 62851-42-7

Shelf Life : 5 years

Technical Specification

Appearance : Green to dark green crystals or powder

Solubility : 20 ppm in methanol yields clear blue solution with greenish fluorescence

Microscopic Examination : May Grunwald's stain is prepared by making 2.5% w/v solution in methanol and used for blood staining

Nucleus or part of nucleus of protozoans : Red or carmine

Cytoplasm of protozoans : Blue

Ondulating membrane : Purple

Chromation of Leukocytes : Purple

Basophil cytoplasm of ogranulocytes : Blue

Eosinphil granules : Pink to red

Neutophil granules : Purple red corpuscles

Red corpuscles : Pink or bluish

Absorption maxima 1 : 519 - 525 nm (20 ppm in methanol) Absorption

maxima 2 : 648 - 654 nm (20 ppm in methanol) Absorptivity 1

(1%/1cm) : ≥ 600 (20 ppm in methanol at 519 - 525 nm) Absorptivity 2

(1%/1cm) : ≥ 1100 (20 ppm in methanol at 648 - 654 nm)

Loss on drying (at 105°C, 1hr) : $\leq 10.00\%$