



Giemsa Stain Powder

Giemsa stain is a vital diagnostic tool in clinical pathology that is needed to identify a wide range of diseases.

The exact imaging of microbiological and cellular morphology is made possible by this combination of dye mixture and buffer solution. Giemsa stain's primary components are eosin Y and methylene blue. These dyes react with different cell components to create a pattern of staining that is unique.

Cat. Number	ASC-1031
CAS Number	51811-82-6
MDL Number	MFCD00081642
PubChem	329799928
Molecular Weight	291.80 g/mol
Molecular Formula	C ₁₄ H ₁₄ CIN ₃ S
Storage Temperature	+20°C
Form and Color	Powder, Dark Green to Black
Solubility (0.1% in methanol)	Clear, dark blue to dark purple solution (with green hue)
Wavelength of Maximum Absorption (λ _{max})	640.0 - 655.0 nm
Absorptivity (1%/1cm)	≥ 950 (at λ _{max})
Loss on Drying	≤ 10.0%