

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)	:	$\leq 10.00\%$