

neoFroxx GmbH

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Specification

Product	Giemsa stain
Brand	BioFroxx

Quality	for biochemistry
Product number	3107
Synonym(s)	Azur-Eosin-Methylene blue according to Giemsa
Formula	$C_{14}H_{14}ClN_3S$
Molecular weight	291.80 g/mol
CAS number	51811-82-6
Storage	below 25°C
Recommended retest period	4 years

Parameter	Specification
Appearance	green to very dark-green crystals or powder
Solubility	5 ppm in methanol yields clear dark blue to dark purple solution with greenish fluorescence
Microscopic examination	Blood staining is carried out and staining characteristics are observed under the microscope
Loss on drying (at 105°C, 1 hr)	max. 10.00 %
Absorption maximum λ_1 in MeOH	520 - 526 nm
Absorption maximum λ_2 in MeOH	640 - 653 nm
Absorptivity (1 %/1 cm, MeOH, at λ_1 max)	min. 600
Absorptivity (1 %/1 cm, MeOH, at λ_2 max)	min. 950

Einhausen, 26.02.2019