

CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY

Product Name: Giemsa stain (For Microscopy)	
Product Code: CH072-25g	Expiry Date : 12/02/2026
Lot Number: G0070218	Release Date: 01/03/2018
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TESTS CONDUCTED	SPECIFICATIONS	OBSERVATIONS	REMARKS
C.I. No.	42000	42000	Complies.
CAS No.	51811-82-6	51811-82-6	Complies.
Chemical Name	Azur-eosin-methylene blue dye	Azur-eosin-methylene blue dye	Complies.
Formula	C ₁₄ H ₁₄ ClN ₃ S	C ₁₄ H ₁₄ ClN ₃ S	Complies.
Appearance	Blackish dark-green powder	Blackish dark-green powder	Complies.
pH (aqueous solution)	6.1 – 7.0	6.43	Complies.
Solubility @60°C	Soluble in methanol, ethanol Insoluble in water	Soluble in methanol, ethanol Insoluble in water	Complies.
Loss on Drying (110°C)	<10%	6.64%	Complies.
Lamda (Max)	521 – 648nm	645nm	Complies.
UV/VIS-spectrum	Complies to standard	Complies to standard	Complies.
Chromatographic Purity	Passes Test	Passes Test	Complies.
Assay (Photometric)	Minimum 90%-95%	93.2%	Complies
Packing & Storage	Packed in well closed containers	Packed in well closed containers	Complies

Final Results: **COMPLIES**

This is to certify that this lot passes and it conforms to the above mentioned tests and specifications.

TESTED BY (Madhura Kadam) MICROBIOLOGIST	CHECKED BY (Aditi Modak) HEAD MICROBIOLOGY	APPROVED BY (Rupali Sabale) HEAD QUALITY ASSURANCE

End Of The Report