

CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY



Product Name: Methylene Blue-95%AR(For Microscopy)	
Product Code: CH022	Expiry Date : 15/02/2024
Lot Number: 01300216	Release Date: 15/02/2016
Analytical Report Number: QAD/AR-16/02-309	Page No : Page 1 of 2

TESTS CONDUCTED	SPECIFICATIONS	OBSERVATIONS	REMARKS
C.I. No.	52015	52015	Complies
CAS No.	61-73-4	61-73-4	Complies
Chemical Name	Methylthioninium Chloride ; Basic Blue 9 ; Zinc free Methylene Blue; Methylene Blue Trihydrate	Methylthioninium Chloride ; Basic Blue 9 ; Zinc free Methylene Blue; Methylene Blue Trihydrate	Complies
Formula	$C_{16}H_{18}ClN_3S \cdot H_2O$	$C_{16}H_{18}ClN_3S \cdot H_2O$	Complies
Molecular weight	319.859	319.859	Complies
Specification	Product Passes BP 80 Specifications	Product Passes BP 80 Specifications	Complies
Identification Test	Passes Test as per B.P	Passes Test as per B.P	Complies
Solubility	Complies as per B.P Test	Complies as per B.P Test	Complies
Residue On Ignition	BP Limit 3.0% Max	0.1% to 2.0%	Complies
Water (Moisture)	BP Limit Max.9.0%	3% to 5%	Complies
Alcohol Insoluble Matter	BP Limit 1.0% Max	0.3% to 0.5%	Complies
Arsenic	Limit 0.001 % Max	Passes Test	Complies
Zinc	Absent	Absent	Complies
Lead (Heavy Metals)	Limit 0.002% Max	Passes Test	Complies
Chromatographic Purity	Passes Test	Passes Test	Complies
Assay (with ref. to dried subs.) as % of $C_{16}H_{18}ClN_3S \cdot H_2O$	Limit Min. 95.0% - 103.0% Max.	97% to 98%	Complies
Packing & Storage	Packed in well closed containers	Packed in well closed containers	Complies

Rev. 2

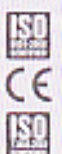
01/10/2013

QAD/FR/01

Micromaster Laboratories Pvt. Ltd.
Manufacture & Exporter

Culturing your needs in Microbiology...

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Final Results: **COMPLIES**

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

		
TESTED BY (Sneha Daragshetti) MICROBIOLOGIST	CHECKED BY (Swati More) HEAD MICROBIOLOGY	APPROVED BY (Rupali Sabale) HEAD QUALITY ASSURANCE

End Of The Report

Rev. 2

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