



Bio Basic Inc.

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## CERTIFICATE OF ANALYSIS

Product	Methylene Blue
Grade	Indicator
Product Code	MB0342
Formula	$C_{16}H_{18}ClN_3S \cdot 3H_2O$
MW	373.90
CAS#	7220-79-3
Lot No	

Test Items	Specifications	Results
Appearance	Dark green crystalline powder	
Identification (IR)	To conform to standard	
Assay (as is bases)	$\geq 82\%$	
Assay (Dry bases)	98-103%	
Loss on drying	$\leq 22\%$	
Lambda max.	As per Biological Stain Commission	
Residue on ignition	$\leq 1.2\%$	
Arsenic (As)	$\leq 8\text{ppm}$	
Copper (Cu)	$\leq 200\text{ppm}$	
Solubility	Soluble in water, ethanol Methyl Cellosolve Ethylene Glycol	

\*Material to be certified by The Biological Stains Commission

Storage: R.T.

QF 21 Rev 1

V-2020

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