



SPECIFICATION SHEET

Product Name : Methylene blue, (C.I. 52015) AR for microscopy
Product Number : 947.D05
Brand : ISOLAB
CAS Number : 122965-43-9
Formula : $C_{16}H_{18}ClN_3S \cdot H_2O$
Formula Weight : 319.86 g/mol

TEST NAME	SPECIFICATION	UNIT
Appearance	A dark green coloured powder	
Assay	95.0 - 101.0 %	%
Identity	passes test	
Solubility	passes test	
Methanol insoluble substances	≤ 1.0 %	%
Related substances	passes test	
Iron (Fe)	≤ 0.01 %	%
Lead (Pb)	≤ 0.001 %	%
Zinc (Zn)	≤ 0.001 %	%
Sulphated ash (at 600°C)	≤ 0.25 %	%
Loss on drying (105°C, 18 hrs)	8.0 - 22.0 %	%

Quality Management
Isolab Laborgerate GmbH

