



### SPECIFICATION SHEET

**Product Name** : Malachite green, (C.I. 42000) for microscopy  
**Product Number** : 946.D01  
**Brand** : ISOLAB  
**CAS Number** : 2437-29-8  
**Formula** :  $C_{52}H_{54}N_4O_{12}$   
**Formula Weight** : 927.01 g/mol

TEST NAME	SPECIFICATION	UNIT
Appearance	Green crystalline powder	
Absorption max.	616 - 620 nm	nm
Absorptivity A at $\lambda_{max}$	$\geq 1450$	
Ratio of $\lambda_{max}$ $\pm 15$ nm	1.00 - 1.15	
Loss on drying (at 110 °C)	$\leq 7$ %	%

Quality Management  
Isolab Laborgerate GmbH

