SPECIFICATION SHEET

Product name: Malachite green G
Product code: 1B-289

Lot number: ---
Shelf life: max. 60 months

Formula: $C_{27}H_{34}N_2O_4S$
Molar mass: 482,64 g/mol
C.I. number: 42040
CAS number: 633-03-4
Storage: + 15 °C to 25 °C

parameter	specification values
appearance	Crystalline powder
colour	Olive green
absorption maximum λ_{max} (in water)	620-635 nm
absorbance A (at λ_{max}; c=3,0 mg/l in EtOH 50%; 1 cm)	0,5 – 0,7
soluble in Water	yes
soluble in Ethanol	yes
soluble in Methanol	yes
loss on drying at 110 °C	1–5 %

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