

# Specification

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1.01398.0025 Malachite green oxalate (C.I. 42000) for microscopy and  
for microbiology

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	Spec. Values
Dye content (spectrophotometrically)	≥ 90 % (als $C_{48}H_{50}N_4O_4 \cdot 2 C_2H_2O_4$ )
Identity (UV/VIS-Spectrum)	passes test
Absorption maximum $\lambda_{max}$ (water)	616 - 620 nm
Spec. Absorptivity A 1%/1cm ( $\lambda_{max}$ ; 0.003 g/l; water)	1730 - 1960
TLC-Test	passes test
Loss on drying (50 °C / < 1 hPa)	≤ 7 %
Suitability for microbiology	passes test
Suitability for microscopy	passes test

Dr. Ulrich Reichert

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responsible laboratory manager quality control

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