



## Specifications

### Malachite Green Oxalate

**Catalog Number:** MG1006  
**C.I. Number:** 42000  
**CAS Number:** 2437-29-8  
**Synonyms:** Basic Green 4  
**Molecular Formula:**  $C_{46}H_{50}N_4 \cdot 2HC_2O_4 \cdot C_2H_2O_4$   
**Molecular Weight:** 927.03  
**Storage:** 15°C – 30°C

Test	Specification
Appearance:	Dark green crystalline powder
Assay:	Minimum 90%
pH (10 gr / l water):	2 + 1
Water-Insolubles:	< 2%
Lambda max.:	614(425)nm in water
Solubility 0.01% aqueous solution:	Dark green solution
Visual Transition Interval:	From pH 0.0 (yellow) To pH 2.0 (green) and From pH 11.6 (blue-green) To pH 14.0 (colorless)

Approved by:

*John Grubb*

Date: February 18, 2020

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