



## Specifications

### Methyl Green

**Catalog Number:** MG1009  
**C.I. Number:** 42585  
**CAS Number:** 14855-76-6  
**Synonyms:** Diethyl Safranine  
**Molecular Formula:**  $(C_{27}H_{35}Cl_2N_3)_n \cdot xZnCl_2$   
**Molecular Weight:** 516.95  
**Storage:** 15°C – 30°C

Test	Specification
Appearance:	Dark green powder
Loss on drying:	Maximum 10%
Assay:	Minimum 75%
Lambda max.:	632nm (in water)
Solubility: in alcohol, practically insoluble in methylene chloride and ether.	Soluble in water, slightly soluble
Zinc content (calculated on dried basis)	Minimum 5% Maximum 7.5%
Color of solution at pH 2.5 to pH 10:	Blue-green solution

Approved by:

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