



## UNISOURCE CHEMICALS PRIVATE LIMITED

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AN ISO 9001:2015 & GMP CERTIFIED COMPANY

### **Product Information**

### **TECHNICAL DATA SHEET / Specification Sheet**

#### **Methyl green**

Synonym	: Ethyl green
Molecular Formula	: $C_{27}H_{35}BrClN_3.ZnCl_2$
Molecular Weight	: 653.24
CAS No.	: 7114-03-6
Colour Index No.	: 42590
Shelf Life	: 5 years

#### **Technical Specification**

Appearance	: Green to red to red-brown crystals or powder
Solubility	: 5 ppm solution in water yields opaque dark blue solution
Visual pH transition	: pH 0.20 (yellow) - 1.80 (blue)
Absorption maxima (20 ppm in water):	626 - 634 nm
	417-425 nm
	311-319 nm
Dye content	: min 85.0%