

Product Information

TECHNICAL DATA SHEET / Specification Sheet

Methyl green

Synonym	: Ethyl green
Molecular Formula	: $C_{27}H_{35}BrClN_3 \cdot ZnCl_2$
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%