



CERTIFICATE OF ANALYSIS

Product	Methyl green, zinc chloride salt
Grade	Indicator
Product Code	MB0619
Formula	C ₂₇ H ₃₅ N ₃ ClBr ⁺ ZnCl ₂
MW	653.24
CAS#	7114-03-6
Lot No	

Test Items	Specifications	Results
Appearance	Dark, Brownish Red to dark green powder	
Dye Content (TiCl ₃ titration) <small>Calculated as the ZnCl₂ double salt</small>	> 65%	
Spectroscopy	Lambda max. 630 – 635 nm in water	
Solubility	Soluble in water and to a lesser extent in ethanol to give a clear deep green solution. No solid residue	
Visual Transition Interval	pH 0.2 (yellow) to pH 1.8 (blue)	

Storage: R.T.