

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-06-13 18:32:54
 Date of Next Testing: 2026-06-12 18:32:54
 Product Name: **Methyl Green**
 CAS Number: 7114-03-6
 Specifications & Purity: zinc chloride salt, ~65%
 Lot #: F2213256
 SKU #: **M100214**
Analysis: 093398

Parameter	Limit Values	Result
Specific abs. A (1%/1cm)	≥1050	1050.00
Dye Content	65-100 (%)	96.93 %
Loss on drying	0-5 (%)	2.90 %
λ max(c = 0.005g/l; H ₂ O)	629-635 (nm)	632.00 nm
Crystal violet(TLC)	0-0.5 (%)	0.31 %
Appearance (M100214)	Red to Golden to Green Powder or Crystal	Red to Golden to Green Powder or Crystal
ICP: Confirms Zinc Component	Confirmed	Confirmed
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Dark Blue to Very Dark Blue-Green,1 mg/ml	pass	Pass
PH Transition interval,0.2(yellow)- 1.8(blue)	Conforms	Conforms



John Su
QA & QC Manager