

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-09 14:59:33

Date of Next Testing: 2030-01-08 14:59:33

Product Name: **Methyl Green**

CAS Number: 7114-03-6

Specifications & Purity: zinc chloride salt, ~65%

Lot #: A2605524

SKU #: **M100214**

Version: **0**

Analysis #: **626259**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific abs. A (1%/1cm)	≥1050	1050.00000
Dye Content	65-100 (%)	96.91400 %
Loss on drying	0-5 (%)	2.09200 %
λ max(c = 0.005g/l; H ₂ O)	629-635 (nm)	630.00000 nm
Crystal violet(TLC)	0-0.5 (%)	0.06000 %
Appearance (M100214)	Red to Golden to Green Powder or Crystal	Red to Golden to Green Powder or Crystal
ICP: Confirms Zinc Component	Confirmed	Confirmed
PH Transition interval,0.2(yellow)- 1.8(blue)	Conforms	Conforms
Solubility in H ₂ O , Dark Blue to Very Dark Blue-Green,1 mg/ml	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager