

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Methyl Green**
Specifications & Purity: zinc chloride salt, ~65%
SKU #: **M100214**

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