

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-10-10 11:51:41  
Date of Next Testing: 2028-10-09 11:51:41  
Product Name: **Methylene Blue trihydrate**  
CAS Number: 7220-79-3  
Specifications & Purity: Purified, Biological stain,  $\geq 90\%$ (HPLC)  
Lot #: I2528412  
SKU #: **M102717**  
Version: **0**  
Analysis #: **574813**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Water by Karl Fischer	0-20 (%)	13.96030 %
Purity(HPLC)(dry basis)	90-100 (%)	90.01000 %
Appearance (M102717)	Dark green powder, with granular and bright parts	Dark green powder, with granular and bright parts
Solubility in H <sub>2</sub> O , Dark red to blue solution,1mg/ml	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager