

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-05-28 08:50:13  
Date of Next Testing: 2029-05-27 08:50:13  
Product Name: **Methylene Blue trihydrate**  
CAS Number: 7220-79-3  
Specifications & Purity: Purified, Biological stain,  $\geq 90\%$ (HPLC)  
Lot #: E2614051  
SKU #: **M102717**  
Version: **0**  
Analysis #: **715726**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)(dry basis)	90-100 (%)	95.63700 %
Water by Karl Fischer	0-20 (%)	13.56600 %
Appearance (M102717)	Dark green powder, with granular and bright parts	Dark green powder, with granular and bright parts
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , Dark red to blue solution,1mg/ml	pass	Pass



John Su  
QA & QC Manager