

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-01 16:45:11
Date of Next Testing: 2028-11-30 16:45:11
Product Name: **Methylene Blue trihydrate**
CAS Number: 7220-79-3
Specifications & Purity: Purified, Biological stain, $\geq 90\%$ (HPLC)
Lot #: K2521168
SKU #: **M102717**
Version: **0**
Analysis #: **615353**

Parameter	Limit Values	Result
Purity(HPLC)(dry basis)	90-100 (%)	91.09%
Water by Karl Fischer	0-20 (%)	6.95%
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 ₂ O , Dark red to blue solution,1mg/ml	pass	Pass



John Su
QA & QC Manager