

Certificate of Analysis

Date of Testing: 2025-03-06 14:45:24
Date of Next Testing: 2028-03-05 14:45:24
Product Name: **Methylene Blue trihydrate**
CAS Number: 7220-79-3
Specifications & Purity: Purified, Biological stain, $\geq 90\%$ (HPLC)
Lot #: B2527462
SKU #: **M102717**
Version: **0**
Analysis #: **471516**

Parameter	Limit Values	Result
Purity(HPLC)(dry basis)	90-100 (%)	95.64 %
Water by Karl Fischer	0-20 (%)	13.57 %
Appearance (M102717)	Dark green powder, with granular and bright parts	Dark green powder, with granular and bright parts
Solubility in H ₂ O , Dark red to blue solution,1mg/ml	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager