

Certificate of Analysis

Date of Testing: 2023-12-15 14:15:48
Date of Next Testing: 2026-12-14 14:15:48
Product Name: **Methylene blue**
CAS Number: 7220-79-3
Specifications & Purity: Pure, for Biological Stain, $\geq 90.0\%$ (HPLC)
Lot #: C2112288
SKU #: **M102717**
Analysis: **305135**

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