

Certificate of Analysis

Date of Testing: 2023-04-28 10:38:50
Date of Next Testing: 2026-04-27 10:38:50
Product Name: **Methylene blue**
CAS Number: 7220-79-3
Specifications & Purity: Pure, for Biological Stain, $\geq 90.0\%$ (HPLC)
Lot #: D23211117
SKU #: **M102717**
Analysis: 182628

Parameter	Limit Values	Result
Purity(HPLC)(dry basis)	90-100 (%)	95.49%
Water by Karl Fischer	0-20 (%)	16.87%
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