

## Certificate of Analysis

Date of Testing: 2023-09-09 15:20:15  
Date of Next Testing: 2027-09-08 15:20:15  
Product Name: **Methyl Blue**  
CAS Number: 28983-56-4  
Specifications & Purity: Biological Stain  
Lot #: I2306662  
SKU #: **M278712**  
**Analysis:** **267709**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
E1% (Lambda max 595 to 605 nm, 0.005 M HCl)	≥400	442.30769
E1% (Lambda max 310 to 320 nm, 0.005 M HCl)	≥200	203.07692
Solubility (Turbidity) (Clear 1 mg/mL, H <sub>2</sub> O)	Clear	Clear
Appearance (M278712)	Dark blue powder	Dark blue powder
Biological Stain Test	Pass	Pass



John Su  
QA & QC Manager