

## Certificate of Analysis

Date of Testing: 2024-09-11 16:47:49  
Date of Next Testing: 2028-09-10 16:47:49  
Product Name: **Methyl Blue**  
CAS Number: 28983-56-4  
Specifications & Purity: Biological Stain  
Lot #: I2404578  
SKU #: **M278712**  
Version: **3**  
Analysis #: **400414**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
E1% (Lambda max 595 to 605 nm, 0.005 M HCl)	≥400	478.69822
E1% (Lambda max 310 to 320 nm, 0.005 M HCl)	≥200	201.77515
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