

## Certificate of Analysis

Date of Testing: 2023-10-31 09:20:39  
Date of Next Testing: 2027-10-30 09:20:39  
Product Name: **Benzidine dihydrochloride**  
CAS Number: 531-85-1  
Specifications & Purity: Analytical Reagent,99.0%  
Lot #: J2319059  
SKU #: **B108447**  
**Analysis: 290873**  
Storage Temperature: Protected from light

Parameter	Limit Values	Result
Purity(Titration by AgNO <sub>3</sub> )	98.5-101.5 (%)	98.82 %
Appearance (B108447)	White to Off-White to Grey Solid, Powder, or Crystals	White to Off-White to Grey Solid, Powder, or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Clear colorless to faint yellow to Grey black pass solution ,50 mg/ml		Pass



John Su  
QA & QC Manager