

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-08 11:45:41

Date of Next Testing: 2027-08-07 11:45:41

Product Name: **Benzidine dihydrochloride**

CAS Number: 531-85-1

Specifications & Purity: AR, ≥99%

Lot #: G2322120

SKU #: **B108447**

Version: **1**

Analysis #: **261714**

Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Purity(Titration by AgNO ₃)	98.5-101.5 (%)	99.45000 %
Appearance (B108447)	White to Off-White Solid, Powder, or Crystals	White to Off-White Solid, Powder, or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in 0.2 N HCl	Clear colorless to faint yellow solution ,50 mg/ml	Clear colorless to faint yellow solution ,50 mg/ml



John Su
QA & QC Manager