

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-15 14:19:06
 Date of Next Testing: 2029-07-14 14:19:06
 Product Name: **4,4'-Bipiperidyl dihydrochloride**
 CAS Number: 78619-84-8
 Specifications & Purity: $\geq 95\%$
 Lot #: I2126399
 SKU #: **B301400**
 Version: **0**
 Analysis #: **540259**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Titration by AgNO ₃)	94.5-105.5 (%)	101.60800 %
Appearance (B301400)	White to Off-White Solid, Powder, or Crystals	White to Off-White Solid, Powder, or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager