

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-13 14:15:05
 Date of Next Testing: 2027-03-12 14:15:05
 Product Name: **3-Aminopyrrolidine dihydrochloride**
 CAS Number: 103831-11-4
 Specifications & Purity: $\geq 98\%$
 Lot #: C23031338
 SKU #: **A128215**
 Version: **0**
 Analysis #: **030652**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.77300 %
Purity(with Total Nitrogen)	98-100 (%)	98.99500 %
Appearance (A128215)	White to Yellow to Brown Powder, Crystals or Solid	White to Yellow to Brown Powder, Crystals or Solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager