

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-19 18:43:15
 Date of Next Testing: 2029-03-18 18:43:15
 Product Name: **N,N'-Bis(3-aminopropyl)-1,4-butanediamine Tetrahydrochloride**
 CAS Number: 306-67-2
 Specifications & Purity: $\geq 98\%$ (T)
 Lot #: C2513574
 SKU #: **N159137**
 Version: **0**
 Analysis #: **423350**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity (Argentmetric Titration)	97.5-102.5 (%)	100.03000 %
Appearance (N159137)	Colorless or White Powder or Crystals	Colorless or White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager