

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-10-13 16:59:22
Date of Next Testing: 2026-10-12 16:59:22
Product Name: **N,N'-Bis(3-aminopropyl)-1,4-butanediamine Tetrahydrochloride**
CAS Number: 306-67-2
Specifications & Purity: >98.0%(T)
Lot #: J2210633
SKU #: **N159137**
Analysis: 134835
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity (Argentmetric Titration)	97.5-102.5 (%)	98.90 %
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