

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-05-27 10:37:12

Date of Next Testing: 2028-05-26 10:37:12

Product Name: **N,N'-Bis(3-aminopropyl)-1,4-butanediamine Tetrahydrochloride**

CAS Number: 306-67-2

Specifications & Purity: >98.0%(T)

Lot #: E2413384

SKU #: **N159137**

Version: **0**

Analysis #: **350186**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity (Argentometric Titration)	97.5-102.5 (%)	98.74%
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