

## Certificate of Analysis

Date of Testing: 2025-07-01 09:28:35  
Date of Next Testing: 2027-07-01 09:28:35  
Product Name: **N-(3-aminopropyl)butane-1,4-diaminetrihydrochloride**  
CAS Number: 334-50-9  
Specifications & Purity:  $\geq 98\%$   
Lot #: F2530411  
SKU #: **N136556**  
Version: **1**  
Analysis #: **535862**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity (Argentmetric Titration)	97.5-102.5 (%)	100.03 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager