

## Certificate of Analysis

Date of Testing: 2024-11-05 13:29:52  
Date of Next Testing: 2028-11-04 13:29:52  
Product Name: **(R)-(-)-2-Aminobutanamide hydrochloride**  
CAS Number: 103765-03-3  
Specifications & Purity:  $\geq 96\%$   
Lot #: A2104319  
SKU #: **A124384**  
Version: **0**  
Analysis #: **430646**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in H}_2\text{O})}$	-32--22 (°)	-31.83°
Purity(Titration by AgNO <sub>3</sub> )	95.5-104.5 (%)	96.33%
Appearance (A124384)	White to Tan Powder or Crystals	White to Tan Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager