

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-12-19 00:10:33  
Date of Next Testing: 2026-12-18 00:10:33  
Product Name: **L-Valinamide hydrochloride**  
CAS Number: 3014-80-0  
Specifications & Purity: 98%  
Lot #: L2214558  
SKU #: **V117016**  
Analysis: **159203**

Parameter	Limit Values	Result
Purity(Titration by AgNO3)	97.5-102.5 (%)	101.34 %
Specific Rotation [α] <sub>20</sub> /D(c=1 H <sub>2</sub> O)	24-30 (°)	25.39°
Appearance (V117016)	White Powder or Crystals	White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager