

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-09 17:26:43  
Date of Next Testing: 2027-03-08 17:26:43  
Product Name: **(S)-(+)-3-Aminopiperidine dihydrochloride**  
CAS Number: 334618-07-4  
Specifications & Purity: 98%  
Lot #: C2301381  
SKU #: **A121532**  
**Analysis:** **122039**  
Storage Temperature: Argon charged

| Parameter            | Limit Values                       | Result                             |
|----------------------|------------------------------------|------------------------------------|
| Purity(HPLC)         | 98-100 (%)                         | 99.76900 %                         |
| Melting point        | 205-210 (°C)                       | 206.01000 °C                       |
| Appearance (A121532) | White to Off-White Powder or Solid | White to Off-White Powder or Solid |
| Proton NMR spectrum  | Conforms to Structure              | Conforms to Structure              |



John Su  
QA & QC Manager