

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2023-07-17 17:54:35

Date of Next Testing: 2027-07-16 17:54:35

Product Name: **(S)-3-Hydroxypiperidine hydrochloride**

CAS Number: 475058-41-4

Specifications & Purity:  $\geq 98\%$

Lot #: G2304955

SKU #: **H119141**

Version: **0**

Analysis #: **228717**

Storage Temperature: Room temperature, Argon charged

| Parameter                                                | Limit Values                       | Result                             |
|----------------------------------------------------------|------------------------------------|------------------------------------|
| Purity(HPLC)                                             | 98-100 (%)                         | 98.19700 %                         |
| Total impurities                                         | 0-2.5 (%)                          | 0.00000 %                          |
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$ | -8--5 ( $^{\circ}$ )               | -7.98000 $^{\circ}$                |
| Appearance (H119141)                                     | 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