

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-17 17:38:11

Date of Next Testing: 2027-07-16 17:38:11

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

CAS Number: 475058-41-4

Specifications & Purity: $\geq 98\%$

Lot #: G2304947

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