

Certificate of Analysis

Date of Testing: 2023-05-08 14:51:36

Date of Next Testing: 2027-05-07 14:51:36

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

CAS Number: 475058-41-4

Specifications & Purity: 98%

Lot #: I1516165

SKU #: **H119141**

Analysis: **219337**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.57000 %
Total impurities	0-2.5 (%)	2.49 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$	-8--5 (°)	-7.90 °
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