

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-05 10:33:11

Date of Next Testing: 2027-09-04 10:33:11

Product Name: **(R)-(+)-3-Hydroxypiperidine hydrochloride**

CAS Number: 198976-43-1

Specifications & Purity: 98%

Lot #: H2325556

SKU #: **H119140**

Analysis: **252074**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=2 in MeOH)	7-9 (°)	7.46 °
Titration by AgNO ₃	97.5-102.5 (%)	101.29 %
Appearance (H119140)	White Powder, Crystals and/or Chunks	White Powder, Crystals and/or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
NMR Spectrum 1H	Conforms to structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager