

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-01 16:49:59
 Date of Next Testing: 2027-07-31 16:49:59
 Product Name: **(R)-3-Hydroxypyrrolidine hydrochloride**
 CAS Number: 104706-47-0
 Specifications & Purity: $\geq 98\%$
 Lot #: G2320141
 SKU #: **H115463**
 Version: **2**
 Analysis #: **051974**
 Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Melting point	107-111 (°C)	108.23000 °C
Specific Rotation $[\alpha]_{20/D}(c=3.5 \text{ in MeOH})$	-8--7.5 (°)	-7.66800 °
Purity(Titration by AgNO ₃)	98-100 (%)	98.59000 %
Solubility in H ₂ O	Almost transparency	almost transparency
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager