

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-13 13:27:30
 Date of Next Testing: 2028-10-12 13:27:30
 Product Name: (R,R)-2,2'-Bipyrrolidine L-tartrate trihydrate
 CAS Number: 137037-21-9
 Specifications & Purity: ≥99%
 Lot #: I2524547
 SKU #: R474222
 Version: 1
 Analysis #: 546441
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Enantiomeric Excess	99-100 (%)	99.90000 %
Purity(HPLC area)	99-100 (%)	99.50000 %
Appearance(R474222)	Colorless or White Powder or Crystals	Colorless or White Powder or Crystals
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager