

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-07 16:13:32
 Date of Next Testing: 2026-11-06 16:13:32
 Product Name: (-)-Scopolamine hydrobromide
 CAS Number: 114-49-8
 Specifications & Purity: Moligand™, ≥98%
 Lot #: J2327702
 SKU #: S302239
 Version: 2
 Analysis #: 273977
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100(%)	98.54300 %
Specific Rotation [α] ₂₅ /D(c=5 in H ₂ O)	-27--24 (°)	-24.13000 °
Water by Karl Fischer	0-2.5(%)	2.44000 %
Purity(Titration by AgNO ₃)	97.5-102.5(%)	97.99000 %
Appearance(S302239)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility(Clear or very slightly hazy(50 mg/ml,water))	pass	Pass



John Su
QA & QC Manager