

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-02 14:51:44

Date of Next Testing: 2027-12-02 14:51:44

Product Name: (-)-Scopolamine hydrobromide

CAS Number: 114-49-8

Specifications & Purity: Moligand™, ≥98%

Lot #: K2429106

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