

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-05 13:59:20
Date of Next Testing: 2026-07-04 13:59:20
Product Name: **(S)-Reticuline**
CAS Number: 1699-46-3
Specifications & Purity: $\geq 97\%$
Lot #: F23271392
SKU #: **R352414**
Version: **1**
Analysis #: **231770**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC area)	97-100 (%)	99.70 %
Enantiomeric Excess	98-100 (%)	98.10000 %
LC-MS for identification	Conforms	Conforms
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(R352414)	white to Cream powder or crystal	White to cream Powder or crystals



John Su
QA & QC Manager