

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-02-19 11:06:33  
Date of Next Testing: 2027-02-09 11:06:33  
Product Name: **(S,S)-(+)-Tetrandrine**  
CAS Number: 518-34-3  
Specifications & Purity: Moligand™, analytical standard, ≥98%(HPLC), for food analysis  
Lot #: B2513567  
SKU #: **T107322**  
Version: **1**  
Analysis #: **463478**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.70400 %
Specific Rotation [α] <sub>20</sub> /D(c=1 in CHCL <sub>3</sub> )	270-300 (°)	285.89 °
Appearance (T107322)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager