

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-18 19:16:22
 Date of Next Testing: 2029-07-17 19:16:22
 Product Name: **(+)-Sparteine**
 CAS Number: 492-08-0
 Specifications & Purity: Moligand™, ≥98%
 Lot #: G2514641
 SKU #: **S121165**
 Version: **0**
 Analysis #: **518625**
 Storage Temperature: Protected from light, Store at -20°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=1 in EtOH)	16-19 (°)	16.56200°
Purity(GC)	98-100 (%)	99.45900 %
Refractive index n ₂₀ /D	1.526-1.53	1.52790
Appearance (S121165)	Colorless to light yellow or brown Liquid	Colorless to light yellow or brown Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager