

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-08 13:46:55
Date of Next Testing: 2025-10-28 13:46:55
Product Name: **Matrine**
CAS Number: 519-02-8
Specifications & Purity: analytical standard , $\geq 98\%$
Lot #: J1519077
SKU #: **M109802**
Analysis: **293252**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in EtOH})$	31-34 (°)	32.44°
Purity(HPLC)	98-100 (%)	98.31600%
Appearance (M109802)	White Powder or Crystals	White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager