

Certificate of Analysis

Date of Testing: 2024-07-04 15:06:33
Date of Next Testing: 2026-06-24 15:06:33
Product Name: **Matrine**
CAS Number: 519-02-8
Specifications & Purity: analytical standard , $\geq 98\%$
Lot #: J2225425
SKU #: **M109802**
Version: **2**
Analysis #: **380845**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in EtOH})}$	31-34 ($^{\circ}$)	33.66 $^{\circ}$
Purity(HPLC)	98-100 (%)	99.71200%
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