

Certificate of Analysis

Date of Testing: 2025-03-03 15:55:15

Date of Next Testing: 2029-03-02 15:55:15

Product Name: **Matrine**

CAS Number: 519-02-8

Specifications & Purity: $\geq 98\%$

Lot #: B2527469

SKU #: **M109803**

Version: **0**

Analysis #: **478021**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(NonaqueousTitration)	97.5-102.5 (%)	98.00 %
Purity(GC)	98-100 (%)	99.84 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in EtOH})$	31-34 (°)	32.92 °
Appearance (M109803)	White crystal	White crystal
Infrared spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager