

Version	02
Molecular weight	248.37
Molecular Formula	C15 H24 N2 O
CAS No	519-02-8
Linear Formula	
Flash Point (°C)	

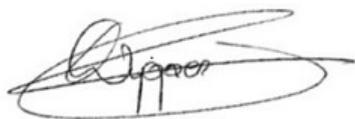
Certificate of Analysis

Products are processed under ISO 9001:2015 quality management systems and samples are tested for conformance to the noted specifications. Certain data may have been supplied by third parties. We disclaim the implied warranties of merchantability and fitness for a particular purpose, and the accuracy of third party data or information associated with the product. Products are for research and development use only. Products are not for direct administration to humans or animals. It is the responsibility of the final formulator or end user to determine suitability, and to qualify and/or validate each product for its intended use.

Catalog Number	46659	Quality Test / Release Date	01/16/2023
Lot Number	A0418592	Suggested retest date	01/16/2028
Description	Matrine		
Country of Origin	CHINA		
Declaration of Origin	plant		

BSE/TSE	
Chemical	

Result name	Specifications	Test Value
Appearance (Color)	White to yellow	Almost white
Appearance (Form)	powder	powder
Infrared spectrum	Conforms	Conforms
Water	=<5 %	4.7 %
GC	>=97.0 %	99.4 %
Specific optical rotation	+31.0° to +36.0° (20°C, 589 nm) (C=1,EtOH, dry substance)	+32.5° (20°C, 589 nm) (C=1,EtOH, dry substance)
Solubility	(5%,water) Clear colourless to pale yellow solution	(5%,water) Clear pale yellow solution



C. Wygaerts, QA Manager

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