



Version
Molecular weight
Molecular Formula
CAS No
Linear Formula
Flash Point (°C)

03
227.28
C₁₂ H₁₄ N₂ O₂ · 0.5 H₂O
56452-52-9

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	44119	Quality Test / Release Date	10/18/2024
Lot Number	339303	Suggested retest date	10/18/2029
Description	(R)-alpha-Methyltryptophan hemihydrate, 98%, 98% ee		
Country of Origin	JAPAN		
Declaration of Origin	synthetic		

BSE/TSE	
Chemical	

Result name	Specifications	Test Value
Appearance	White to pale yellow powder	off white powder
Infrared spectrum	Authentic	Authentic
HPLC	≥97.5 %	99.1 %
Enantiomeric excess	≥98.0 %	99.8 %
Specific optical rotation	+14° to +18° (20°C, 589 nm) (c=0.9 in water)	+16.7° (20°C, 589 nm) (c=0.9 in water)
NMR (1H-NMR)		consistent with structure

G. Torfs, QC Supervisor

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