



Version	03
Molecular weight	220.23
Molecular Formula	C11 H12 N2 O3
CAS No	4350-09-8
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	14829	Quality Test / Release Date	10/18/2023
Lot Number	A0376439	Suggested retest date	10/18/2026
Description	L-5-Hydroxytryptophan,99%		
Country of Origin	CHINA		
Declaration of Origin	plant		

BSE/TSE	
Chemical	

Result name	Specifications	Test Value
Appearance (Color)	White to light beige to light grey	light beige
Appearance (Form)	Powder	Powder
Infrared spectrum	Authentic	Authentic
Titration with HClO4	98.5 to 101.5 % (On dry substance)	99.5 % (On dry substance)
HPLC	>=98.5 % (on dry substance)	99.9 %
Water	=<1 % (K.F.)	0.7 % (K.F.)
Heavy metals	=<10 ppm	=<10 ppm
Sulfated ash	=<0.3 %	0.1 %
Specific optical rotation	-30.9° to -34.9° (20°C, 589 nm) (c=1, H2O)	-33.4° (20°C, 589 nm) (c=1, H2O)
Specific optical rotation	on dry substance	on dry substance
Arsenic (As)	=<1 ppm	=<1 ppm

C. Wygaerts, QA Manager

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