



Version	01
Molecular weight	163.17
Molecular Formula	C6 H13 N O4
CAS No	150-25-4
Linear Formula	(HOCH2CH2)2NCH2CO2H
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	32771	Quality Test / Release Date	01/25/2024
Lot Number	A0449400	Suggested retest date	01/25/2027
Description	Bicine,99+%,for biochemistry		
Country of Origin	TAIWAN		
Declaration of Origin	synthetic		

BSE/TSE	
Chemical	

Result name	Specifications	Test Value
Appearance (Color)	White	White
Appearance (Form)	Crystalline powder or crystals or needles	Crystalline powder
Infrared spectrum	Conforms	Conforms
Titration with NaOH	$\geq 99.0\%$	100.9 %
Water	$\leq 1\%$ (K.F.)	0.03 % (K.F.)
Sulfated ash	$\leq 0.1\%$	$\leq 0.001\%$
Heavy metals (as Pb)	≤ 5 ppm	≤ 5 ppm
Iron (Fe)	≤ 5 ppm	None detected
UV	(0.5 M in water)	(0.5 M in water)
UV	at 260 nm A: ≤ 0.05	at 260 nm A: 0.014
UV	at 280 nm A: ≤ 0.05	at 280 nm A: 0.007

C. Wygaerts, QA Manager

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