



Version	00
Molecular weight	184.69
Molecular Formula	C <sub>5</sub> H <sub>12</sub> N <sub>2</sub> O S . H Cl
CAS No	16120-92-6
Linear Formula	CH <sub>3</sub> SCH <sub>2</sub> CH <sub>2</sub> CH(CNH <sub>2</sub> )CONH <sub>2</sub> .HCl
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	42671	Quality Test / Release Date	10/20/2023
Lot Number	345190	Suggested retest date	10/20/2028
Description	L-Methioninamide hydrochloride,98%		
Country of Origin	CHINA		
Declaration of Origin	synthetic		

BSE/TSE	
Chemical	

Result name	Specifications	Test Value
Appearance (Color)	White to light yellow	White
Appearance (Form)	Crystalline powder	Powder
Infrared spectrum	Conforms	Conforms
NMR (1H-NMR)	Consistent with structure	Consistent with structure
Titration Argentometric	97.5 to 102.5 %	99.4 %
Specific optical rotation	+16° to +18° (20°C, 589 nm) (c=1,H <sub>2</sub> O)	+18.6° (20°C, 589 nm) (c=1,H <sub>2</sub> O)

C. Wygaerts, QA Manager

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