



Version	02
Molecular weight	139.58
Molecular Formula	C4 H10 Cl N O2
CAS No	14316-06-4
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.

<b>Catalog Number</b>	43532	<b>Quality Test / Release Date</b>	02/12/2022
<b>Lot Number</b>	341161	<b>Suggested retest date</b>	02/12/2027
<b>Description</b>	D-Alanine methyl ester hydrochloride,98%		
<b>Country of Origin</b>	CHINA		
<b>Declaration of Origin</b>	synthetic		

<b>BSE/TSE</b>	
<b>Chemical</b>	

Result name	Specifications	Test Value
Appearance (Color)	White	White
Appearance (Form)	Powder or solid	Crystalline solid
Infrared spectrum	Conforms	Conforms
Titration Argentometric	$\geq 97.5$ to $\leq 102.5$ %	99.9 %
Specific optical rotation	-10° to -15° (20°C, 589 nm) c=2, methanol	-10° (20°C, 589 nm) c=2, methanol
NMR (1H-NMR)		Consistent with structure

C. Wygaerts, QA Manager

Issued: 04-06-2023

Acros Organics BV  
ENA23, zone1, nr 1350, Janssen Pharmaceuticaaan 3a, B-2440 Geel, Belgium  
Tel +32 14/57.52.11 - Fax+32 14/59.34.34 Internet: <https://www.thermofisher.com>  
1 Reagent Lane, Fair Lawn, NJ 07410, USA Fax 201-796-1329