



Version	00
Molecular weight	139.58
Quality Test / Release Date	10/17/2019
Molecular Formula	C ₄ H ₉ N O ₂ · H Cl
CAS No	13515-97-4
Linear Formula	CH ₃ CH(NH ₂)COOCH ₃ .HCl
Flash Point (°C)	

Certificate of Analysis

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Acros Organics expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to human or animals. It is the responsibility of the purchaser, formulator or those performing further manufacturing to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

Catalog Number	39331	Quality Test / Release Date	10/17/2019
Lot Number	A0413167		
Description	DL-Alanine methyl ester hydrochloride, 98+%		
Country of Origin	CHINA		
Declaration of Origin	synthetic		

BSE/TSE comment	
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Chemical Comment	
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Result name	Units	Specifications	Test Value
Appearance (Color)		White to off-white	off-white
Appearance (Form)		Powder	Powder
Infrared spectrum		Conforms	Conforms
Titration with HClO ₄		≥98.0 %	102.0 %



A handwritten signature in black ink, appearing to read "L. Van den Broek".

L. Van den Broek, QA Manager

Issued: 10-18-2019

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