



Version	01
Molecular weight	215.68
Quality Test / Release Date	07/03/2021
Molecular Formula	C ₁₀ H ₁₃ N O ₂ · H Cl
CAS No	7524-50-7
Linear Formula	C ₆ H ₅ CH ₂ CH(NH ₂)CO ₂ CH 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	13032	Quality Test / Release Date	07/03/2021
Lot Number	A0415085	Suggested retest date	07/03/2024
Description	L-Phenylalanine methyl ester hydrochloride, 98%		
Country of Origin	SWITZERLAND		
Declaration of Origin	synthetic		

BSE/TSE	
Chemical	

Result name	Specifications	Test Value
Appearance (Color)	White to off-white	White
Appearance (Form)	Crystalline powder	Crystalline powder
Infrared spectrum	Conforms	Conforms
Melting point	156°C to 160°C	158.4°C
Titration Argentometric	>=97.5 %	99.6 %
Specific optical rotation	+37° to +39° (20°C, 589 nm) (c=2, C ₂ H ₅ OH)	+37.5° (20°C, 589 nm) (c=2, C ₂ H ₅ OH)



A handwritten signature in black ink, appearing to read "C. Wygaerts".

C. Wygaerts, QA Manager

Issued: 07-05-2021

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