



Version	00
Molecular weight	215.68
Quality Test / Release Date	04/15/2022
Molecular Formula	C <sub>10</sub> H <sub>13</sub> N O <sub>2</sub> . H Cl
CAS No	7524-50-7
Linear Formula	C <sub>6</sub> H <sub>5</sub> CH <sub>2</sub> CH(NH <sub>2</sub> )CO <sub>2</sub> CH <sub>3</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	13032	Quality Test / Release Date	04/15/2022
Lot Number	A0441191	Suggested retest date	04/15/2025
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 %	99.8 %
Specific optical rotation	+37° to +39° (20°C, 589 nm) (c=2, C <sub>2</sub> H <sub>5</sub> OH)	+37.5° (20°C, 589 nm) (c=2, C <sub>2</sub> H <sub>5</sub> OH)



C. Wygaerts, QA Manager

Issued: 04-18-2022

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: <https://www.thermofisher.com>  
1 Reagent Lane, Fair Lawn, NJ 07410, USA Fax 201-796-1329