



Version	00
Molecular weight	215.68
Quality Test / Release Date	04/21/2021
Molecular Formula	C <sub>10</sub> H <sub>13</sub> N O <sub>2</sub> · HCl
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

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.

<b>Catalog Number</b>	13032	<b>Quality Test / Release Date</b>	04/21/2021
<b>Lot Number</b>	A0429282	<b>Suggested retest date</b>	04/21/2024
<b>Description</b>	L-Phenylalanine methyl ester hydrochloride, 98%		
<b>Country of Origin</b>	SWITZERLAND		
<b>Declaration of Origin</b>	synthetic		

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

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	159.8°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)	+37.6° (20°C, 589 nm) (c=2, C <sub>2</sub> H <sub>5</sub> OH)



A handwritten signature in black ink, appearing to read "C. Wygaerts", is written over a light blue circular background.

C. Wygaerts, QA Manager

Issued: 04-22-2021

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