

## Certificate of Analysis

Date of Testing: 2022-03-24 17:06:44  
Date of Next Testing: 2026-03-23 17:06:44  
Product Name: **L-Homophenylalanine ethyl ester hydrochloride**  
CAS Number: 90891-21-7  
Specifications & Purity: 98%  
Lot #: C2218292  
SKU #: **H117187**  
Analysis: **075849**

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	5.5-6 (%)	5.61%
Carbon by Elemental Analysis	56.8-61.5 (%)	59.54%
Purity(HPLC)	98-100 (%)	98.08500%
Specific Rotation [α] <sub>20</sub> /D(c=1 in CHCL <sub>3</sub> )	25-27 (°)	26.85°
Appearance (H117187)	White to Off-White to Tan Powder or Crystals	White to Off-White to Tan Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager