

Certificate of Analysis

Date of Testing: 2022-03-24 17:21:36
Date of Next Testing: 2026-03-23 17:21:36
Product Name: **L-Homophenylalanine ethyl ester hydrochloride**
CAS Number: 90891-21-7
Specifications & Purity: 98%
Lot #: C2218284
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 $[\alpha]_{20/D}(c=1 \text{ in CHCL}_3)$	25-27 ($^{\circ}$)	26.85 $^{\circ}$
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