

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-13 16:00:36

Date of Next Testing: 2027-05-12 16:00:36

Product Name: **DL-Phenylalaninol**

CAS Number: 16088-07-6

Specifications & Purity: $\geq 98\%$ (GC)(T)

Lot #: E23081111

SKU #: **S160981**

Version: **0**

Analysis #: **187446**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Melting point	69-73 (°C)	70.94000 °C
Purity(NonaqueousTitration)	97.5-102.5 (%)	100.86000 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in EtOH})$	-1-1 (°)	-0.91000 °
Purity(GC)	98-100 (%)	98.13400 %
Appearance (S160981)	White to Yellow Crystals to Powder and/or Chunks	White to Yellow Crystals to Powder and/or Chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager