

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-09 23:05:14  
Date of Next Testing: 2027-03-08 23:05:14  
Product Name: **DL-3-Phenyllactic acid**  
CAS Number: 828-01-3  
Specifications & Purity:  $\geq 98.0\%$   
Lot #: C2302979  
SKU #: **P113801**  
Analysis: **168796**

Parameter	Limit Values	Result
Purity (Titration by NaOH)	99-101 (%)	99.86 %
Melting point	95-98 (°C)	97.84000 °C
Purity(HPLC area)	98-100 (%)	99.95 %
Solubility in EtOH , Colorless to Yellow,Clear to Slightly Hazy,50mg/ml	pass	Pass
Appearance (P113801)	White to Off-White Powder to crystal	White to Off-White Powder to crystal
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager