

## Certificate of Analysis

Date of Testing: 2024-12-13 16:23:14  
Date of Next Testing: 2028-12-12 16:23:14  
Product Name: **DL-3-Phenyllactic acid**  
CAS Number: 828-01-3  
Specifications & Purity:  $\geq 98\%$   
Lot #: L2406522  
SKU #: **P113801**  
Version: **1**  
Analysis #: **438364**

Parameter	Limit Values	Result
Purity (Titration by NaOH)	99-101 (%)	100.54 %
Melting point	95-98 (°C)	97.75000 °C
Purity(HPLC area)	98-100 (%)	98.70 %
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
Solubility in EtOH , Colorless to Yellow, Clear to Slightly Hazy, 50mg/ml	pass	Pass



John Su  
QA & QC Manager