

## Certificate of Analysis

Date of Testing: 2024-11-16 13:41:11  
Date of Next Testing: 2028-11-15 13:41:11  
Product Name: **DL-3-Phenyllactic acid**  
CAS Number: 828-01-3  
Specifications & Purity:  $\geq 98\%$   
Lot #: K2415663  
SKU #: **P113801**  
Version: **1**  
Analysis #: **414198**

Parameter	Limit Values	Result
Purity (Titration by NaOH)	99-101 (%)	99.99%
Purity(HPLC area)	98-100 (%)	99.53%
Melting point	95-98 (°C)	97.95000 °C
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