

Certificate of Analysis

Date of Testing: 2023-05-08 14:50:46

Date of Next Testing: 2027-05-07 14:50:46

Product Name: **D-(+)-3-Phenyllactic acid**

CAS Number: 7326-19-4

Specifications & Purity: 98%

Lot #: D2324670

SKU #: **P102443**

Analysis: **144576**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.89600 %
Melting point	124-127 (°C)	126.55000 °C
Purity(Neutralization titration)	97.5-102.5 (%)	100.35 %
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in MeOH})}$	17-20 (°)	18.42 °
Appearance (P102443)	White to Yellow Powder	White to Yellow Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager