

Certificate of Analysis

Date of Testing: 2024-10-15 14:48:44

Date of Next Testing: 2028-10-14 14:48:44

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

CAS Number: 7326-19-4

Specifications & Purity: $\geq 98\%$

Lot #: B1318010

SKU #: **P102443**

Version **0**

Analysis #: **420286**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.10000 %
Melting point	124-127 (°C)	125.60000 °C
Purity(Neutralization titration)	97.5-102.5 (%)	100.20 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$	17-20 (°)	19.10°
Appearance (P102443)	White to Yellow Powder	White to Yellow Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager