

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-10-26 11:21:31  
Date of Next Testing: 2027-10-25 11:21:31  
Product Name: **L-(-)-3-Phenyllactic acid**  
CAS Number: 20312-36-1  
Specifications & Purity: 98%  
Lot #: J2317071  
SKU #: **P102441**  
**Analysis:** **040353**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20}^D(c=2 \text{ in H}_2\text{O})$	-22--20 (°)	-20.95°
Purity(HPLC)	98-100 (%)	98.79000%
Melting point	122-126 (°C)	122.52000 °C
Appearance (P102441)	White Solid	White Solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager