

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-03-13 16:48:40  
 Date of Next Testing: 2029-03-12 16:48:40  
 Product Name: **L-Phenylalanine-d5**  
 CAS Number: 56253-90-8  
 Specifications & Purity:  $\geq 98$  atom% D,  $\geq 98\%$   
 Lot #: F2307485  
 SKU #: **L354493**  
 Version: **1**  
 Analysis #: **669340**  
 Storage Temperature: Store at 2-8°C, Protected from light

| Parameter                  | Limit Values          | Result                |
|----------------------------|-----------------------|-----------------------|
| Isotopic purity (Atom % D) | 98-100 (%)            | 98.39900 %            |
| Purity(HPLC area)          | 98-100 (%)            | 98.78000 %            |
| Proton NMR spectrum        | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager