

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-06-11 13:53:55  
 Date of Next Testing: 2029-06-10 13:53:55  
 Product Name: **L(+)-Aspartic acid**  
 CAS Number: 56-84-8  
 Specifications & Purity: Moligand™, high-purity, ≥98%, powder  
 Lot #: I2108281  
 SKU #: **L274318**  
 Version: **1**  
 Analysis #: **522303**  
 Storage Temperature: Room temperature

| Parameter                                            | Limit Values                                      | Result                                            |
|------------------------------------------------------|---------------------------------------------------|---------------------------------------------------|
| Purity(HPLC)                                         | 98-100 (%)                                        | 98.90000 %                                        |
| Water by Karl Fischer                                | 0-0.2 (%)                                         | 0.12600 %                                         |
| Specific Rotation [α] <sub>20/D(c=8 in 6N HCl)</sub> | 24-26 (°)                                         | 24.00000 °                                        |
| Appearance (L274318)                                 | white to off-white powder, crystals and/or chunks | white to off-white powder, crystals and/or chunks |
| Proton NMR spectrum                                  | Conforms to structure                             | Conforms to Structure                             |



John Su  
QA & QC Manager