

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-07-17 13:51:41

Date of Next Testing: 2029-07-16 13:51:41

Product Name: **L-Aspartic acid**

CAS Number: 56-84-8

Specifications & Purity: Moligand™, ≥99%

Lot #: G2514081

SKU #: **A108860**

Version: **0**

Analysis #: **536902**

Storage Temperature: Room temperature

| Parameter                                                               | Limit Values                                 | Result                                       |
|-------------------------------------------------------------------------|----------------------------------------------|----------------------------------------------|
| Nitrogen                                                                | 10.2-10.9 (%)                                | 10.57500 %                                   |
| Specific Rotation [α] <sub>20</sub> /D(c=8 in 6N HCl)                   | 24-26 (°)                                    | 24.26100 °                                   |
| Carbon                                                                  | 35.5-37.1 (%)                                | 36.06600 %                                   |
| Purity(HPLC)                                                            | 99-100 (%)                                   | 99.81200 %                                   |
| Appearance (A108860)                                                    | White to Off-White Powder or Solid or Chunks | White to Off-White Powder or Solid or Chunks |
| Infrared spectrum                                                       | Conforms to Structure                        | Conforms to Structure                        |
| Solubility in 0.5 N HCl , Colorless to Very Faint Yellow,Clear,50 mg/ml | pass                                         | Pass                                         |



John Su  
QA & QC Manager