

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-18 09:33:34  
 Date of Next Testing: 2026-07-17 09:33:34  
 Product Name: **L-Canavanine**  
 CAS Number: 543-38-4  
 Specifications & Purity:  $\geq 98\%$ , from Canavalia ensiformis  
 Lot #: G2307409  
 SKU #: **L329592**  
 Version: **1**  
 Analysis #: **220156**  
 Storage Temperature: Store at 2-8°C

| Parameter                                  | Limit Values                               | Result                                     |
|--------------------------------------------|--------------------------------------------|--------------------------------------------|
| Purity(HPLC)                               | 98-100 (%)                                 | 99.00000 %                                 |
| Carbon by Elemental Analysis(anhydrous)    | 32.7-34.8 (%)                              | 34.60000 %                                 |
| Nitrogen by Elemental Analysis (anhydrous) | 30.5-32.5 (%)                              | 31.60000 %                                 |
| Water by Karl Fischer                      | $\leq 10$ (%)                              | 8.00000 %                                  |
| Solubility(100 mg/mL H <sub>2</sub> O)     | Colorless to Yellow Clear to Slightly Hazy | Colorless to Yellow Clear to Slightly Hazy |
| Proton NMR spectrum                        | Conforms to structure                      | Conforms to Structure                      |
| Appearance(L329592)                        | White to Yellow Powder                     | White to Yellow Powder                     |



John Su  
QA & QC Manager