



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-10-15 15:51:36

Date of Next Testing: 2028-10-14 15:51:36

Product Name: **Papain**

CAS Number: 9001-73-4

Specifications & Purity: EnzymoPure™, ≥2000units/mg , with casein as substrate

Lot #: A2305648

SKU #: **P164463**

Version: **2**

Analysis #: **588444**

Storage Temperature: Store at -20°C, Argon charged

| Parameter                | Limit Values                                 | Result                                       |
|--------------------------|----------------------------------------------|----------------------------------------------|
| Ash                      | 0-5 (%)                                      | 1.43 %                                       |
| (As)Arsenic              | 0-5 (ppm)                                    | 0.18 ppm                                     |
| Total number of bacteria | 0-10000 (cfu/g)                              | 466.98 cfu/g                                 |
| Water by Karl Fischer    | 0-7 (%)                                      | 5.21 %                                       |
| Enzymatic Activity       | ≥2000 (units/mg)                             | 2008.30 units/mg                             |
| Lead(Pb)                 | 0-5 (ppm)                                    | 0.37 ppm                                     |
| E. Coli                  | 0-30 (cfu/g)                                 | 12.00 cfu/g                                  |
| Appearance (P164463)     | White to Off-White Powder or Solid or Chunks | White to Off-White Powder or Solid or Chunks |

John Su  
QA & QC Manager