

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

|                          |                                                                                                                     |
|--------------------------|---------------------------------------------------------------------------------------------------------------------|
| Date of Testing:         | 2026-04-09 15:58:59                                                                                                 |
| Date of Next Testing:    | 2029-04-08 15:58:59                                                                                                 |
| Product Name:            | Pectate Lyase                                                                                                       |
| Lot #:                   | ZJ26F0433978                                                                                                        |
| SKU #:                   | P1420316                                                                                                            |
| Version:                 | 1                                                                                                                   |
| Analysis #:              | 031640                                                                                                              |
| Source:                  | Native                                                                                                              |
| Specifications & Purity: | Bioactive, High performance, ActiBioPure™, EnzymePure™, Native, from Aspergillus sp.; ~1400 U/mL; ≥180 U/mg protein |
| Concentration:           | 1400 U/mL; 200 U/mg protein                                                                                         |
| Formulation:             | Liquid                                                                                                              |
| Reconstitution:          |                                                                                                                     |
| Storage Conditions:      | Store at -20°C, Avoid repeated freezing and thawing                                                                 |
| Analysis:                | 031640                                                                                                              |

| Parameter                                                                                | Limit Value | Result         |
|------------------------------------------------------------------------------------------|-------------|----------------|
| Enzyme activity(protein)                                                                 | ≥180(U/mg)  | 200.00000 U/mg |
| Appearance(P1420316)                                                                     | Liquid      | Liquid         |
| Relative activity: Polygalacturonic acid (pectate lyase)in Tris-HCL Buffer, pH 8.0. 100% | Conform     | Conform        |
| Relative activity: Polygalacturonic acid (endo-Polygalacturonanase) <0.05%               | Conform     | Conform        |
| Relative activity: Galactazyme Tablets (endo-Galactanase) <0.05%                         | Conform     | Conform        |
| Relative activity: Arabinazyme Tablets (endo-Arabinanase) <0.05%                         | Conform     | Conform        |



Sophia Cheng  
Quality Assurance