

## Certificate of Analysis

Date of Testing: 2024-12-11 14:29:13

Date of Next Testing: 2027-12-11 14:29:13

Product Name: **Collagenase from Clostridium histolyticum**

CAS Number: 9001-12-1

Specifications & Purity: EnzymoPure™, Type V, ≥1 FALGPA units/mg solid, ≥125 CDU/mg solid

Lot #: L2410361

SKU #: **C754925**

Version: **3**

Analysis #: **443529**

Storage Temperature: Store at -20°C

| Parameter                                                                                                                                                                                                               | Limit Values         | Result                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|------------------------|
| Collagen(Unit definition: One unit liberates peptides from collagen from bovine achilles tendon equivalent in ninhydrin color to 1.0 micromole of leucine in 5 hours at pH 7.4 at 37°C in the presence of calcium ions) | ≥<br>125 (units/mg)  | 1143.00000<br>units/mg |
| FALGPA(One unit hydrolyzes 1.0 micromole of FALGPA Furylacryloyl-LeuGly-Pro-Ala, F5235) per min at pH 7.5 at 25 °C in the presence of Calcium ions)                                                                     | ≥ 1 (units/mg)       | 3.00000<br>units/mg    |
| Caseinase                                                                                                                                                                                                               | ≥<br>5.0 (units/mg)  | 107.40000<br>units/mg  |
| Clostripain                                                                                                                                                                                                             | ≥<br>0.1 (units/mg)  | 0.40000<br>units/mg    |
| Tryptic Activity                                                                                                                                                                                                        | ≥<br>0.01 (units/mg) | 0.26000<br>units/mg    |



John Su  
QA & QC Manager