

Certificate of Analysis

Date of Testing: 2024-12-11 14:29:49

Date of Next Testing: 2027-12-11 14:29:49

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 #: L2410364

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)	≥ 125 (units/mg)	1143.00000 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 units/mg
Caseinase	≥ 5.0 (units/mg)	107.40000 units/mg
Clostripain	≥ 0.1 (units/mg)	0.40000 units/mg
Tryptic Activity	≥ 0.01 (units/mg)	0.26000 units/mg



John Su
QA & QC Manager