



质量检验报告 CERTIFICATE OF ANALYSIS

产品名称(Product Name)：胶原酶

英文名称(English Name)：Collagenase

CAS：9001-12-1

储存条件(Storage Condition)：-20℃

货号(Item No)：S10056

批号 (Lot. Number)：KS384695

检测日期(Date of Testing)：2025-06-13

复测日期(Date of Retesting)：2027-06-12

分析项目 SPECIFICATION PROPERTIES	技术指标 STANDARD	实测结果 RESULTS
Appearance	Faint beige to very dark beige and Faint brown to Brown lyophilized powder	Brown lyophilized powder
Solubility	10mg/mL, H ₂ O	Clear , light-yellow solution
Activity	125 CDU/mg min	270CDU/mg
Caseinase content	100U/mg min	200U/mg
Clostripain content	3.0U/mg max	1.04U/mg
Tryptic content	0.1 U/mg max	0.081 U/mg

活力定义：One FALGPA hydrolysis unit hydrolyzes 1.0 μ mole of furylacryloyl-Leu-Gly-Pro-Ala per min at pH 7.5 at 25 °C in the presence of calcium ions。One neutral protease unit hydrolyzes casein to produce color equivalent to 1.0 μ mole tyrosine per 5 hr at pH 7.5 at 37°C。One clostripain unit hydrolyzes 1.0 μ mole of BAEE per min at pH 7.6 at 25°C in the presence of DTT。

Quality Assurance：Xiaoyong Tan



Quality Control：Yunfei Zhu