



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)：S10055

批号 (Lot. Number)：KS345967

检测日期(Date of Testing)：2025-02-17

复测日期(Date of Retesting)：2027-02-16

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 Very Dark Brown lyophilized powder	Brown lyophilized powder
Activity	125CDU/mg min	265CDU/mg
Activity	50u/mg min dw Caseinase	90.2u/mg dw Caseinase
Activity	3u/mg dw max Clostripain	0.48u/mg dw Clostripain
Activity	0.3u/mg max dw Tryptic	0.04u/mg dw Tryptic

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 $^{\circ}$ 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 $^{\circ}$ C。One clostripain unit hydrolyzes 1.0 μ mole of BAEE per min at pH 7.6 at 25 $^{\circ}$ C in the presence of DTT。

Quality Assurance：Xiaoyong Tan



Quality Control：Yunfei Zhu