



上海源叶生物科技有限公司
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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°C

货号(Item No)：S10053

批号 (Lot. Number)：JS324189

检测日期(Date of Testing)：2024-11-30

复测日期(Date of Retesting)：2026-11-29

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 or powder	Brown powder
Activity	125 CDU/mg min	260 CDU/mg
Caseinase content	200U/mg min	345 U/mg
Clostripain content	4.0U/mg max	2.37 U/mg
Tryptic content	0.5 U/mg max	0.16 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