



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) : S10057

批号 (Lot. Number) : JS255684

检测日期(Date of Testing) : 2024-06-19

复测日期(Date of Retesting) : 2026-06-18

分析项目 SPECIFICATION PROPERTIES	技术指标 STANDARD	实测结果 RESULTS
Appearance	Brown-gray to white powder	White powder
Activity	125u/mg min	1143u/mg
Activity	5 u/mg Solid min (Caseinase)	107.4u/mg Solid
Activity	0.1 u/mg Solid min (Clostripain)	0.4u/mg Solid
Activity	0.01 u/mg Solid min (Tryptic Activity)	0.26u/mg Solid
Activity	1 u/mg Solid min (FALGPA)	3u/mg Solid

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