

Certificate of Analysis

Product Name	Elastase from porcine pancreas (EC 3.2.1.35)
Catalog No.	V73119
Batch No.	V7311901

1. Physical and Chemical Properties

Appearance	Powder
Molecular Formula	C1135H1759N331O346S10
Molecular Weight	25898.13
Purity	≥98.0%
CAS No.	39445-21-1
Production Date	2024-05-23

2. Analytical Data

Test Item	Specification	Result
Enzyme activity	≥30u/mg	35u
Loss OnDrying	≤8%	5.5%
Residue on Ignition	≤2%	1.6%
Total aerobic bacteria	≤10*3 次方 cfu/g	130cfu/g
Mold and yeastcount	≤10*2 次方 cfu/g	50cfu/g

3. Structure

Elastase from porcine pancreas	
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4. Storage Condition

Storage Condition	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month

Products are for research use only • Not for human or veterinary use