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Product Datasheet

a-Amylase, Porcine Pancreatic
122-20

Product Name	a-Amylase, Porcine Pancreatic
Catalog Number	122-20
Alternative Names	1,4-alpha-D-Glucan-glucanohydrolase, amy2, PPA, PA
Brand	Lee Biosolutions
Form/Appear	Lyophilized Off-white to white powder
Concentration	≥ 0.4 mg protein/mg (Coomassie)
Storage	−20 °C
Purity	Purified
CAS Number	9000-90-2
Source	Porcine Pancreas
Molecular Weight	~59,000 Da
Shelf Life	3 years
Biological Activity	≥ 70 U/mg (Dimension® Clinical Chemistry System)
Content	Lipase: ≤ 1.0% Protease: ≤ 1.0% Ammonia: ≤ 0.1 micromole/mg
Specific Activity	≥ 100 U/mg protein
Unit Definition	One unit will catalyze the hydrolysis of one micromole of 2-chloro-4-nitrophenyl-a-D-maltotrioside to yield 2-chloro-4-nitrophenol per minute at 37°C.