

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/Appearance	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	~54,000
Shelf Life	3 years
Biological Activity	≥ 70 U/mg (Dimension® Clinical Chemistry System)
Content	Lipase: ≤ 0.5% Protease: ≤ 1% 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-maltotrioxide to yield 2-chloro-4-nitrophenol per minute at 37°C.