

## Product Datasheet

### **a-Amylase, Porcine Pancreatic 122-20**

<b>Product Name</b>	a-Amylase, Porcine Pancreatic
<b>Catalog Number</b>	122-20
<b>Alternative Names</b>	1,4-alpha-D-Glucan-glucanohydrolase, amy2, PPA, PA
<b>Brand</b>	Lee Biosolutions
<b>Form/Appearance</b>	Lyophilized Off-white to white powder
<b>Concentration</b>	≥ 0.4 mg protein/mg (Coomassie)
<b>Storage</b>	-20 °C
<b>Purity</b>	Purified
<b>CAS Number</b>	9000-90-2
<b>Source</b>	Porcine Pancreas
<b>Molecular Weight</b>	~54,000
<b>Shelf Life</b>	3 years
<b>Biological Activity</b>	≥ 70 U/mg (Dimension® Clinical Chemistry System)
<b>Content</b>	Lipase: ≤ 0.5% Protease: ≤ 1% Ammonia: ≤ 0.1 micromole/mg
<b>Specific Activity</b>	≥ 100 U/mg protein
<b>Unit Definition</b>	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.