

Product Datasheet

a-Amylase, Human Pancreatic 120-16

Product Name	a-Amylase, Human Pancreatic
Catalog Number	120-16
Alternative Names	Amylase, a-Amylase, 1,4-a-D-glucan glucanohydrolase, glycogenase
Brand	Lee Biosolutions
Form/Appearance	Lyophilized White to off-white powder
Concentration	≥ 0.1 mg protein/mg or report mg protein/vial (A_{280} , $E^{0.1\%}=2.33$)
Purity	High Purity
CAS Number	9000-90-2
Source	Human Pancreas
Shelf Life	3 years
Biological Activity	≥ 20 U/mg or report U/vial (Siemens Dimension® Clinical Chemistry System)
Content	Lipase: $\leq 0.1\%$ GOT/AST: $\leq 0.01\%$ ALP: $\leq 0.01\%$ Protease: $\leq 0.01\%$
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.