Medix Biochemica

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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/Appearanc	Lyophilized White to off-white powder
Concentration	$\geq$ 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	$\geq$ 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	$\geq$ 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.