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Product Datasheet

a-Amylase, Human Saliva
120-17

Product Name	a-Amylase, Human Saliva
Catalog Number	120-17
Alternative Names	1,4-alpha-D-Glucan-glucanohydrolase, ptyalin
Brand	Lee Biosolutions
Form/Appearance	Liquid Clear, colorless liquid
Concentration	≥ 1.0 mg protein/mL (Coomassie)
Storage	−20 °C
Purity	≥ 90% (SDS-PAGE)
CAS Number	9000-90-2
Source	Human Saliva
Molecular Weight	~60,000
Shelf Life	1 year
Biological Activity	≥ 2,000 U/mL (Siemens Dimension® Clinical Chemistry System)
Content	Lipase: ≤ 0.05% Protease: ≤ 0.1% Calcium: ≤ 3 mg/MU
Specific Activity	≥ 200 U/mg protein
Unit Definition	One unit will catalyze the hydrolysis of one micromole 2-chloro-4-nitrophenyl-a-D-maltotrioside to yield 2-chloro-4-nitrophenol per minute at 37°C.