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Product Datasheet

Lipase, Porcine Pancreatic
400-30

Product Name	Lipase, Porcine Pancreatic
Catalog Number	400-30
Alternative Names	PPL
Brand	Lee Biosolutions
Form/Appear	Lyophilized off-white to brown powder
Concentration	≥ 0.3 mg protein per mg solid (Coomassie)
Storage	−20 °C
CAS Number	9001-62-1
Source	Porcine Pancreas
Buffer	Lyophilized from 20 mM Tris, 154 mM NaCl, 3 mM $CaCl_2$, 1 mM Benzamidine Chloride, pH 7.0.
Molecular Weight	~52,000
Shelf Life	3 years
Biological Activity	≥ 30 U/mg (Dimension® Clinical Chemistry System)
Content	Amylase ≤ 1.8% Cholesterol Esterase ≤ 3% Protease ≤ 0.03%
Specific Activity	≥ 90 U/mg protein
Unit Definition	One unit will catalyze the hydrolysis of one micromole per minute of 1, 2-o-dilauryl-rac-glycero-3-glutaric acid-(6’-methylresorufin) ester in the presence of colipase, bile salt, and calcium chloride at 37°C.