

Active Native Pig Amylase, alpha

Cat. No. Amylase-63P **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Pig
Source	Pig Pancreas
Form	Purified, Lyophilized Reconstitute with Tris saline or other buffer to desired concentration.
Bio-activity	239 Units/mg powder @ 37°C
Purity	Contaminants: Lipase:<0.12%>Protease: 0.14% Ammonia: 0.1 micromole/mg
Unit Definition	One unit will catalyze the hydrolysis of one micromole of 2-chloro-4-nitrophenyl-alpha-D-maltrtrioside to yield 2-chloro-4-nitrophenol per minute at 37°C.
Characteristic	Specific Activity: 556 Units/mg Protein
Applications	Specific methodologies have not been tested using this product.
Usage	FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY
Notes	Centrifuge before opening to ensure complete recovery of vial contents.
Storage	Store lyophilized product at -20°C. After reconstitution, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

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Concentration	Protein: 0.43mg Protein/mg powder
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Storage Buffer	Lyophilized from 150mM Sodium chloride, 3mM Calcium chloride
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