



41421

Pancreatin 4NF ex. Porcine Pancreas, 100U/mg

Part B

CAS : 8049-47-6

Specifications

Appearance (Colour)	Off - white to yellow
Appearance (Form)	Powder
Amylase activity	min. 100 Units/mg powder
Lipase activity	min. 8 Units/mg powder
Protease activity	min. 100 Units/mg powder

Unit Definition

One USP unit of amylase activity is contained in the amount of Pancreatin that decomposes starch at an initial rate such that 0.16 μ Eq. of glycosidic linkage is hydrolyzed per minute under the conditions of the assay for amylase activity.

One USP Unit of lipase activity is contained in the amount of pancreatin that liberates 1.0 μ Eq of acid from triacetin substrate per minute at a pH of 9.0 and 37° under the conditions of the Assay for lipase activity.

One USP Unit of protease activity is contained in the amount of pancreatin that under the conditions of the Assay for protease activity hydrolyzes casein at an initial rate such that there is liberated per minute an amount of peptides not precipitated by trichloroacetic acid that gives the same absorbance at 280 nm as 15 nmol of tyrosine.

Enzyme solution for activity determination

Prepared in 0.2 M phosphate buffer, pH 6.8.

General Information

Storage	-20 °C (Blue/Dry Ice)
Shelf Life	60 Months
IMDG Identification	Not Regulated for Transport (Non-Haz)
HSN Code	
100 Gms	35079099 (GST 18%)
500 Gms	35079099 (GST 18%)

Available Packages

Disclaimer

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