

## Pancreatin 4NF/USP

**RM3867**


### Product Identifier

CAS No.	:	8049-47-6
EC No.	:	232-468-9
EC Index No	:	647-014-00-9
HS Code	:	3507 90 99
Storage	:	2 - 8°C
Shelf life	:	3 years

### Technical Specification

Appearance	:	Light yellow to tan powder
Solubility	:	Partly soluble in water
Amylase activity	:	>= 100 USP U/mg
Unit definition for Amylase activity		One USP Unit of amylase activity is contained in the amount of Pancreatin that decomposes starch at an initial rate such that 0.16 microEq of glycosidic linkage is hydrolysed per minute under the conditions of the Assay for Amylase activity
Lipase activity	:	>= 8 USP U/mg
Unit definition for Lipase activity		One USP Unit of lipase activity is contained in the amount of Pancreatin that liberates 1.0 microEq of acid per minute at a pH 9.0 and 37°C under the conditions of the Assay for Lipase activity
Protease activity	:	>= 100 USP U/mg
Unit definition for Protease activity		One USP Unit of protease activity is contained in the amount of Pancreatin that under the conditions of the Assay for Protease activity hydrolyses 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

### Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Danger
Hazard Statement(s)	:	H315- H319- H334- H335
Precautionary Statement(s)	:	P261- P305+P351+P338- P342 + P311
UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	RT9033000
WGK	:	1

