

Wheat Oligopeptide



Cat. No. PAE-064

Lot. No. (See product label)

Product Name

Wheat Oligopeptide

Package

25 kg/drum

Product overview

Wheat oligopeptides are proteins extracted from natural food-wheat protein powder, and then obtained by directed enzyme digestion and specific small peptide separation technology.

Description

Wheat protein can obtain wheat oligopeptides with higher purity under the joint action of complex enzymes, and the content of amino acids in oligopeptides is higher than that before hydrolysis. In comparison, the content of hydrophobic amino acids in wheat oligopeptides increases more, and the antioxidant capacity increases with the increase of hydrophobic groups. FTIR structure analysis shows that wheat oligopeptides have characteristic absorption peaks at $1\ 290\sim 1\ 330\ \text{cm}^{-1}$ and $1\ 695\sim 1\ 660\ \text{cm}^{-1}$, indicating that wheat oligopeptides contain an α -helix structure Conformation, among them, the structural conformation of β -turn is dominant. The experiment selects the oxidation free radical scavenging ability method to verify the antioxidant ability of wheat oligopeptides.

Specification

75% oligopeptides

Application

Beverage, Baking food, Meat food, Health products, Health wine, Feed

Features

Inhibit the rise of cholesterol, ACE inhibition, immune regulation, anti-oxidation and other biological activities, lower blood pressure

Shelf life

2 years

Storage

Keep in a cool, dry, and clean place, Protect from moisture and direct light.

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY