Creative Enzymes®

Oat Straw Extract

Cat. No. EXTZ-734

Lot. No. (See product label)

Introduction

Description	Oat straw extract is derived from the whole plant of the grass species Avena sativa. It helps strengthen the spleen and nourish the heart, reduces sweating, and has high nutritional value. The main components of oat straw straw extract include β-glucan, flavonoids, and antioxidants. The β-(1→3, 1→4) glucan found in oats is a non-starch polysaccharide. It is a high-molecular-weight polymer formed by β-D-glucuronic acid monomers linked via β-(1→3) and β-(1→4) glycosidic bonds. Oat β-glucan is a water-soluble dietary fiber. Due to its viscous properties, it can impede the digestion and absorption of substances such as starch and protein, thereby providing numerous beneficial physiological functions for the human body: it effectively lowers postprandial blood glucose and insulin levels, reduces cholesterol, and helps prevent cardiovascular disease. Oat fiber is easily absorbed by the body. Furthermore, because it is very low in calories, it is beneficial for weight loss and is suitable for the dietary needs of patients with heart disease, hypertension, and diabetes.
Applications	Functional foods; health products.

Product Information

Source	Stems and leaves of Avena Sativa L.
Appearance	Light brown, fine powder