

Earthworm Protein Peptide

Cat. No. EXTZ-904

Lot. No. (See product label)

Introduction

Description

Earthworm Protein Peptide is a bioactive small-molecule peptide mixture obtained by directed enzymatic hydrolysis and fractionation of earthworm isolate protein. Using targeted bio-enzyme digestion technology, the large collagenous and muscular proteins of the earthworm are converted into short-chain oligopeptides with an average molecular weight below 1,000 Da, ensuring rapid and near-complete absorption without further gastrointestinal digestion. The product contains naturally occurring bioactive peptide fractions, including fibrinolytic-enzyme-related peptide components, together with a balanced profile of amino acids and trace elements. It is supplied as a white to yellowish-brown fine powder, fully soluble in water, with a protein content of $\geq 85\%$. Earthworm protein peptides are used as functional raw materials in nutritional supplements, functional foods, and cosmetic skin-care formulations, where their moisturizing, skin-conditioning, and antioxidant properties are valued for mature and dry skin care.

Applications

Food

Synonyms

Earthworm peptide; Lumbricus peptide; Earthworm oligopeptide

Product Information

Source

Earthworm protein by directed enzymatic hydrolysis

Appearance

White to yellowish-brown fine powder

Form

Powder

Solubility

Fully soluble in water, forming a clear solution

Storage and Shipping Information

Storage

Store sealed in a cool, dry, ventilated place away from direct sunlight