

PASSPORT



16810

ACB Pisum Sativum Peptide



Start:

Organic green peas are sourced from farms local to our respective manufacturing sites in the USA, Italy, and Taiwan.



The pea biomass is macerated and fermented with the probiotic bacteria, *Lactobacillus bulgaricus*. Through the use of selective filtration techniques, the protein fraction is isolated.

Final stop:

A hydrolyzed pea peptide for use in hair and skin care: ACB Pisum Sativum Peptide.



Road Map Tour

Locally sourced organic green peas support sustainable farming practices within our communities

With sustainability concerns surrounding animal agriculture, consumers are turning towards plant-derived protein. Pea plants give back to the environment by working with nitrogen, fixing bacteria, specifically *Rhizobium*, to obtain their required nitrogen content. This aids in fixing and/or providing nitrogen back into the soil for other plants to utilize. Pea plants are used as a rotational crop and can become a center income strategy for farmers. By utilizing legumes, including peas, farmers can economically stabilize the nitrogen levels in their farmland soil without having to use expensive fertilizers.

USA: Peas are sourced from a family-owned farm in Michigan, who have been following organic farming practices since the 1970s. With over 100 years of experience, they are focused on high-quality produce, integrity, and trust.

Italy: Peas are sourced from a family-owned company in Sicily. With 35 years of experience, they offer quality Sicilian legumes and production excellence. They are committed to healthy, sustainable agriculture that values local traditions.

Taiwan: Peas are sourced from the region of Changhua. Respecting organic farming practices and natural seasonality, these green peas are harvested and processed directly to help maintain all their key benefits.

We want to be transparent in our supply chain from harvest to production. It's important to know where our raw materials come from and where they are going.

Safety & Toxicology

Non-phototoxic

Non-irritant to skin

Non-sensitizing

Non-irritant to eyes

Non-harmful to aquatic life

Regulatory

INCI: Pisum Sativum (Pea) Peptide

CAS: 90082-41-0

EUROPE: Compliant

USA: Compliant

JAPAN: Compliant

CHINA: Contact Us



Specification

ORIGIN: Botanical/Bacteria PRESERVATIVES: None

APPEARANCE: Clear to Slightly Hazy Liquid SOLVENTS: None

USE LEVEL: 1.0-5.0%

Environmental Impact

Active Concepts Production



0.199 kg CO2e per kg



0.421 kW energy per kg



87.3% Biodegradable after 28 days



1.501 litres water per kg



1.613 kg compost per kg

Animal Welfare

Never tested on animals and made from non-animal-derived ingredients. Neither we or our supply chain have allowed contact with any animal products, animal by-products, or derivatives.



Ethical Trade

These family-owned suppliers ensure that workers' rights are upheld. They do not use irregular migrant or child workers. They are all driven by a deep cultural and environmental awareness.



Community Welfare

Our suppliers are advocates of buying local as this assures quality and supports community prosperity. With focus on agricultural excellence, our suppliers uphold artisanal methods.

