

Biomimetic Innovation in Cosmetic Actives: Enhancing Skin Structure and Hair Resilience

LIPOTRUE

www.lipotrue.com

PRODUCT/SERVICE BACKGROUND INFORMATION

LipoTrue is a biotechnology company dedicated to the development of innovative cosmetic active ingredients. Acting as a central R&D engine, it integrates advanced technology platforms such as biomimetic peptide design, bioidentical protein & protein fragments produced in plants, and marine ferments from a wide collection of more than 20,000 strains. By transforming Big Data into Smart Data, LipoTrue accelerates the creation of high-performance actives aligned with emerging cosmetic trends.

WHAT IS THE COMPANY INTRODUCING TO THE MARKET/INDUSTRY?

LipoTrue is introducing two next-generation actives inspired by nature: Waspilk™, a wasp spider silk biomimetic peptide that reinforces dermal and hair structure, and CO///A3™, a bioidentical collagen III fragment produced in plants that restores the skin's youthful architecture. Both ingredients leverage advanced biotechnology platforms such as biomimicry and vertical farming to deliver multifunctional skin and hair benefits.

HOW WILL THIS NEW PRODUCT/SERVICE IMPACT THE INDUSTRY (BENEFITS)?

Waspilk™ introduces a new concept of dual strength, tensile and resilient, inspired by spider silk. For skin, it helps improve firmness, elasticity, and resistance to daily stress, leading to a more defined and smoother appearance. For hair, it reinforces the fiber and scalp, improving strength, resilience, and overall hair quality from root to tip.

CO///A3™ focuses on skin rejuvenation, helping restore a soft, smooth, and naturally radiant look inspired by baby-like skin, improving density, texture, and glow. Together, they set a new benchmark in high-performance and sustainable cosmetic innovation.