

Updated: 10-Jan-2022

Palmitoyl Isoleucine

Specification Sheet

Description: Lipo-aminoacid derived from the naturally occurring essential amino acid isoleucine that is known for its ability to support tissue repair and lift vital proteins on the skin. Purity > 98% (remaining content: free palmitic acid).

CAS: 54617-29-7

INCI Name: Palmitoyl isoleucine

Composition: Palmitoyl isoleucine

Purity Grade: No purity grade applicable

Appearance: White granular powder, bland odor

Benefits:

- Acts as a plumping agent for a natural alternative to lipo-filling and detoxifying anti-pollution agent
- Has the ability to fill wrinkles and reshape volume of the cheeks
- Facial volume is redefined and elasticity is increased after 2 months of treatment
- Deep and moderate wrinkles are filled after 4-6 weeks of treatment
- Can be used as lip plumper

Use: Add to oil-phase of formulas and heat to 80°C (176°F). Recommended use level: 1%. For external use only.

Applications: Anti-aging, anti-wrinkle, and detoxifying skin care products, lip care products.

Solubility: Insoluble in water

Preservation: Preservative-free

Storage: Store light-protected at a cool and dry place

Country of Origin: France

Raw material source: Isoleucine (naturally occurring essential amino acid)

Manufacture: Synthetically modified to palmitoyl isoleucine.

Animal Testing: Not animal tested

GMO: GMO-free

Vegan: Does not contain animal-derived components

HS Code: 3304910000