

Palmitoyl Isoleucine

Specification Sheet

Description: Lipo-amino acid 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. Preservative-free. Approved by Ecocert. White granular powder, bland odor. Purity > 98% (remaining content: free palmitic acid). Insoluble in water.

CAS: 54617-29-7

INCI Name: Palmitoyl isoleucine (capryloyl glycine is also used)

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 80oC (176F). Recommended use level: 1%. For external use only.

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

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 (does not contain plant-derived components)

Vegan: Does not contains animal-derived components