

INFO SHEET I L-CYSTINE FOR HAIR SUPPLEMENTS

FERMOPURE® FOR HAIR SUPPLEMENTS: BEAUTY STARTS FROM WITHIN

While one in five global consumers are worried about thinning hair, food players see opportunities and invest in beauty concepts.* L-cystine is an essential component of keratin, the main protein in hair, skin and nails. The amino acid supports their strength via disulfide bridges and is therefore a very good solution for the beauty positioning of your products.

WACKER is the first company in the world to produce plant-based, natural L-cystine in a sustainable fermentation process. This patented technique was awarded an environmental prize in 2008. WACKER's natural L-cystine is manufactured with state-of-the-art equipment, resulting in the highest quality.

Technical Data

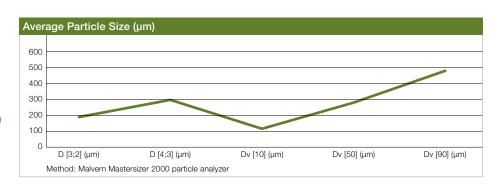
FERMOPURE® Natural L-Cystine Food (contains > 98.5% L-cystine) is a white or almost white, crystalline powder. It is packed in units of 25 kg. It has a shelf life of at least 36 months when stored in unbroken original packaging in dry storage areas.

Typical Density and Particle Size

Density: 1.66 g/cm³

Bulk density: approx. 1.66 g/ml

Water solubility: 0.122 g/l at 20 °C (68 °F)



Production with Outstanding Quality

Our L-cystine is produced in León, Spain, in compliance with the outstanding quality demands of FSSC 22000, a GFSI-recognized standard for food safety management systems, and ISO 9001:2015. WACKER's fermentation site in León (capacity of 8 x 100 m³ fermenters) has certificates for both standards to guarantee a superior safety level for our products.

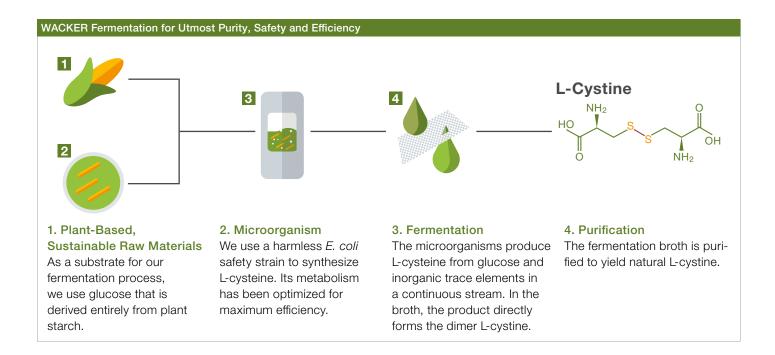
Furthermore, having a site based in Europe ensures a reliable supply chain.

Product Highlights

- Natural
- Vegan
- No human or animal sources
- · Utmost purity and safety
- Kosher and halal-certified
- Sustainable raw materials













More information on FERMOPURE® Natural L-Cystine Food:



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