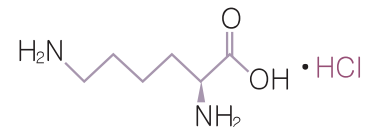




# L-LYSINE



## What is L-lysine?

L-lysine is recognized as an essential amino acid for adults and infants. Due to its diverse functions, it is widely used in the food, pharmaceutical, feed and cosmetics industries. Daesang's L-lysine is produced with advanced fermentation technology.



- Chemical formula: C<sub>6</sub>H<sub>11</sub>N<sub>2</sub>O<sub>2</sub> HCl
- Molecular weight: 182.65g/mol
- pH: 5.0~6.0

## Applications & Functions

CATEGORY	APPLICATION	FUNCTION
Health & functional foods	Dietary supplement	<ul style="list-style-type: none"> <li>• Aids calcium absorption</li> <li>• Boosts immune system</li> <li>• Improves liver function</li> </ul> 
Pharmaceuticals	Pharmaceutical formulation	<ul style="list-style-type: none"> <li>• Improves nutritional values</li> <li>• Acts as an excipient</li> </ul>
	Medical food	<ul style="list-style-type: none"> <li>• Promotes wound healing</li> <li>• Boosts immune system</li> </ul>
	Natural remedies	<ul style="list-style-type: none"> <li>• Virus inhibiting effects (Herpes Simplex)</li> </ul>
Food & beverages	Functional infant formula	<ul style="list-style-type: none"> <li>• Acts as a flavoring substance</li> <li>• Promotes growth</li> </ul>
	Seasoning	<ul style="list-style-type: none"> <li>• Flavoring substance</li> </ul>
	Energy drink	<ul style="list-style-type: none"> <li>• Fortifies nutrition</li> </ul>
Cosmetics	Skin, body, and hair care products	<ul style="list-style-type: none"> <li>• Moisturizing agent</li> <li>• Improves skin elasticity</li> </ul>
Feed additives	Animal feed	<ul style="list-style-type: none"> <li>• Promotes growth</li> <li>• Boosts immune system</li> </ul> 
	Fish nutrition	

## Product

FOOD GRADE L-lysine HCl 99.5% (Fine powder, Granular)

FEED GRADE L-lysine HCl 99%  
L-lysine 50% (Liquid)

COUNTRY OF ORIGIN South Korea

PACKAGE FOR FOOD 25kg net inner PE bag and outer carton box

PACKAGE FOR FEED 25kg three-ply paper bag with one-ply PE inner  
800kg big bag

## Quality Assurance

- Fermentation process
- High quality with HALAL, KOSHER, ISO 9001, ISO 14001, and FAMI-QS certificates

