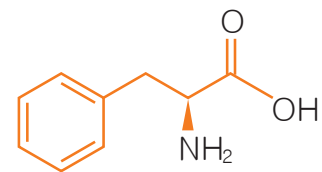




# L-PHENYALANINE




## What is L-phenylalanine?

L-phenylalanine is recognized as an essential amino acid, since it is necessary for both the growth of infants and the nitrogen balance of adults. It is mainly used as an intermediate in pharmaceuticals and is one of the primary components of Aspartame.



- Chemical formula:  $C_9H_9NO_2$
- Molecular weight: 165.19g/mol

## Applications & Functions

CATEGORY	APPLICATION	FUNCTION
Food Additives	Raw material	• Serves as a raw material for Aspartame
Health & Functional Foods	Dietary supplement	• Suppresses appetite 
Food & Beverages	Functional infant formula	• Supports growth of infants
	Fruit juice	• Stimulates mental alertness (as an alternative to caffeine)
	Energy drink Instant coffee	
Pharmaceuticals	Raw material for pharmaceuticals 	• Supports anti-depression 

## Product

PRODUCT L-phenylalanine  
 COUNTRY OF ORIGIN South Korea  
 PRODUCT GRADE Food grade  
 PACKAGING 25kg net inner PE bag and outer carton box

## Quality Assurance

- Fermentation process
- High quality with HALAL, KOSHER, ISO 9001, and FSSC 22000 certificates
  - Conforms to the USP and FCC monographs

