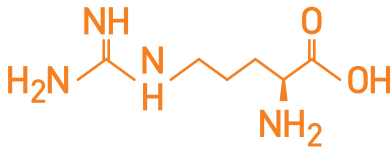
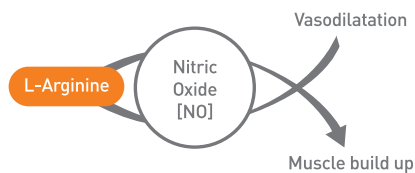


L-ARGININE

CHEMICAL STRUCTURE OF L-ARGININE



Among 20 amino acids, L-Arginine works as a precursor of nitric oxide (NO), which enlarges the blood vessels and promotes blood flow and muscle building.



MAIN APPLICATIONS AND BENEFITS OF FOOD GRADE L-ARGININE

01 Cardiovascular System

Care for your cardiovascular health with Arginine

- L-Arginine, as a nitric oxide (NO) precursor, offers many benefits for cardiovascular health.
- Many clinical researches show daily intake of 5-18g of L-Arginine alleviates cardiovascular diseases such as angina, congestive heart failure, hypertension and peripheral artery diseases.

02 Sports Nutrition

Enhances athletic performance

- L-Arginine generates nitric oxide (NO) that helps your body build muscle cells, increase blood flow, transport oxygen and deliver nutrients to muscle fibers.

03 Food Processing

Improves flavor and color in meat

- L-Arginine preserves tenderness in meat with its hygroscopic property.
- L-Arginine can substitute for phosphate and sodium benzoate in meat processing.

04 Hair Care & Skin Care

Nourishes your hair follicles & scalp, and vitalizes your skin

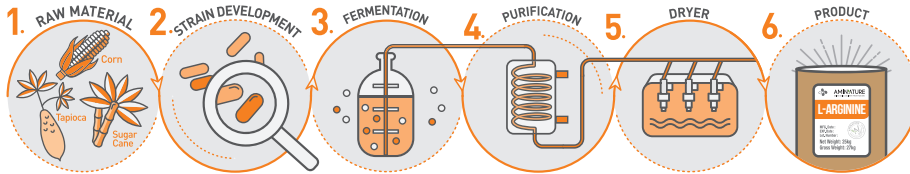
- L-Arginine moisturizes the hair and strengthens the hair follicles
- L-Arginine replaces the irritant chemicals in personal care



CJ AMINATURE® L-Arginine is produced through microbial fermentation method using plant origin raw material.

Produced with CJ BIO's advanced bio technology, it is safe, cost effective and eco-friendly. CJ BIO is stepping closer to customers worldwide with high quality products.

INNOVATIVE BIO FERMENTATION PROCESS



HIGH QUALITY

- Acquired Kosher, Halal, BRC, ISO 22000, ISO 9001 certifications.
- Food and cosmetic grade, which meet the quality requirements of USP, EP and FCC.

RELATED PRODUCT PORTFOLIO

- Product : L-Arginine
L-Arginine HCl
- Package : 25kg Fiber Drum
25kg Carton box

L-ARGININE AS A HEALTHY FUNCTIONAL INGREDIENT

APPLICATIONS	FUNCTION	CLAIMS
Supplement	Enhance Blood Flow	• Arginine generates Nitric Oxide (NO), which causes vasodilation, preventing heart related diseases without any side effects.
	Sexual Ability	• Arginine can help improve sexual ability by increasing blood flow in the genital area.
Sports Nutrition	Muscle Building	• Arginine boosts nutrient supply via vasodilation and activates growth hormone secretion for myoprotein synthesis.
	Endurance	• Arginine accelerates the UREA cycle, which excretes ammonia generated during intense exercise.
Food Processing	Flavoring & Clean Label	<ul style="list-style-type: none"> • Arginine can substitute for phosphate and Sodium benzoate in meat processing. • It can also preserve tenderness in meat with its hygroscopic property.
Beauty Care	Moisturization	• Arginine accelerates lymphocyte proliferation and effectively heals the wounds by keeping the skin moisturized.

*For more information, please contact aminature@cj.net