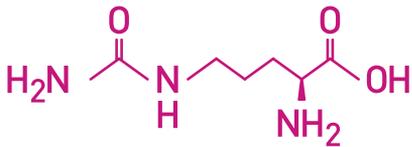
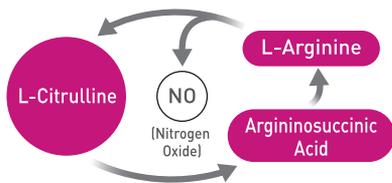


L-CITRULLINE

CHEMICAL STRUCTURE OF L-CITRULLINE



Supplementing L-Citrulline increases L-Ornithine and L-Arginine plasma content, meaning it improves ammonium excretion and nitric oxide generation. L-Citrulline is mainly used as a sports performance enhancer and cardiovascular health supplement.



BENEFITS OF L-CITRULLINE

01 Sports Nutrition

Enhances athletic performance

- L-Citrulline, a precursor of L-Arginine, also contributes to generating nitric oxide (NO), keeping L-Arginine concentration higher and longer without any side effects. A combination intake of L-Arginine and L-Citrulline is recommended.

02 Cardiovascular Health

- L-Citrulline increases NO biosynthesis indirectly by increasing L-Arginine synthesis, which in turn leads to improved endothelial vasodilation.

03 Power Boosting

- L-Citrulline generates NO, which enlarges blood vessels, accelerating the oxygen and energy supply.

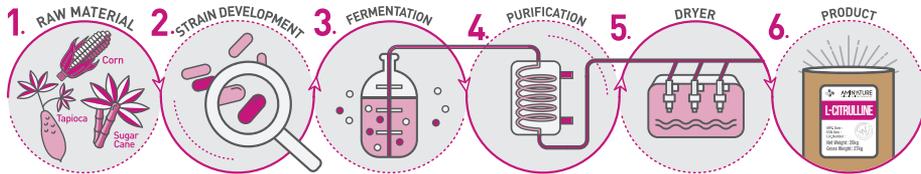
04 Improves Liver Health & Immunity

- L-Citrulline protects the liver by reducing ammonia concentration.
- L-Citrulline contributes to Macrophage activation.



CJ AMINATURE® L-Citrulline 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 its 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.

RELATED PRODUCT PORTFOLIO

- Product : L-Citrulline
L-Citrulline DL Malate 1:1
L-Citrulline DL Malate 2:1
- Package : 25kg Fiber Drum
25kg Carton box

L-CITRULLINE AS A HEALTHY FUNCTIONAL INGREDIENT

APPLICATIONS	FUNCTION	CLAIMS
Supplement	Enhances Blood Flow	<ul style="list-style-type: none"> • Citrulline generates Nitric Oxide (NO), which causes vasodilation, preventing heart related diseases without any side effects.
	Sexual Ability	<ul style="list-style-type: none"> • Citrulline can help improve sexual ability by increasing blood flow in the genital area.
Sports Nutrition	Muscle Building	<ul style="list-style-type: none"> • Citrulline, a precursor of Arginine, also contributes to generating NO, but is more efficient than Arginine in keeping Arginine concentration higher and longer.
	Power Boosting	<ul style="list-style-type: none"> • Citrulline generates NO, which enlarges blood vessels, accelerating oxygen and energy supply.

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