

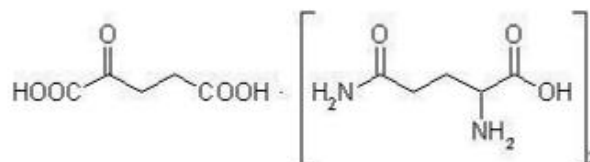
TECHNICAL DATA SHEET

L-Glutamine α -Ketoglutarate (2:1)

Chemical Properties

Chemical Formula: C₁₅H₂₆N₄O₁₁

Molecular Weight: 438



Description

L-Glutamine α -Ketoglutarate (2:1) is a salt of the amino acid glutamine and alpha-ketoglutaric acid. It is a kind of effective health care products for enhancing muscle stamina. It is mainly used in sports health and health improvement in European and American market.

Solubility

It is soluble in water.

Specification

Item	Specification	Test Method
Appearance	White powder	Visual
Assay	98.0%~102.0%	In-house
Loss on drying	Max 0.5%	In-house
Lead	Max 3ppm	In-house
Arsenic	Max 0.1ppm	In-house
Cadmium	Max 0.1ppm	In-house
Mercury	Max 0.1ppm	In-house
Total Plate Count	Max 1,000cfu/g	In-house
Mold & Yeast	Max 100cfu/g	In-house
<i>E. Coli</i>	Negative	In-house
<i>Salmonella</i>	Negative	In-house

Ingredients

Pure L-Glutamine α -Ketoglutarate (2:1)

Function

- 1). Enhance muscle stamina;
- 2). Promote protein synthesis;
- 3). Increase the secretion of growth hormone;
- 4). Improve the immune system.

Applications

L-Glutamine α -Ketoglutarate (2:1) is used as nutritional supplement, nutrition enhancer, dietary supplement, health food additive and pharmaceutical raw material.

Safety

This product is safe for the intended use. Avoid ingestion, inhalation of dust or direct contact by applying suitable protective measures and personal hygiene. See Material Safety Data Sheet for full safety information.

Handling recommendations

Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid contact with heat, sparks and flame. Avoid ingestion and inhalation.

Packing, Storage & Shelf Life

Package	25kg/drum; or according to customers' requirements.
Storage	Store in a well-closed container away from moisture and direct sunlight.
Shelf life	2 years if sealed and stored properly.