

L-Arginine USP39

[Appearance] White or Almost White Crystalline Powder

Formula: C₆H₁₄N₄O₂

MW: 174,2 g/mol

CAS Number: 74-79-3

Boiling Pt: 368 °C (1013 hPa)

EINECS: 200-811-1

Melting Pt: 238 °C

Density: 1,3 g/cm³ (20 °C)

[Shelf Life] 24months

[Quality Standard] Feed Grade, Food Grade , Cosmetic Grade and Pharmaceutical Grade

FCCIV/USP38/BP2010 /E640/Japan's Specifications and Standards for Food Additives(8th-Ed.)

[Specific Values]

Appearance: white or almost white crystalline powder or colorless crystals

Solution: Clear

Specific rotation +26.3°~+27.7°

Loss on drying ≤0.5%

Residue on ignition ≤0.3%

Chloride ≤0.05% S

Sulfate ≤0.03%

Iron ≤0.003%

Heavy metals ≤0.0015%

Organic volatile impurities: Meet the Requirement

Assay 98.5%~101.5%

Microbiology Control

Total plate count ≤ 1000cfu/g

Yeasts & Molds ≤ 100cfu/g

E.coli Negative

Coliforms Negative

Salmonella Negative

Staphylococcus aureus Negative

[Application]

cosmetic products

pH adjuster for cosmetic products with high safety and high biodegradability

relieve irritation of cleaning agents

increase moisture retention of skin and hair

good deposition and absorption into the hair

can enhance hair flexibility and increase hair's tensile strength

In Food Production

L-Arginine can be used as nutritional supplement, flavor enhancer in food.

In Beverage

L-Arginine can be used as nutritional supplement in beverage.

In Pharmaceutical

L-Arginine is used in treating hepatic coma, the preparation of amino acid transfusion, and used in the treatment of liver disease.

In Agriculture/Animal Feed/Poultry

L-Arginine can be used as nutritional supplement in Agriculture/Animal Feed/Poultry products.

In Other Industries

L-Arginine is widely used as intermediate in various other industries.

- As intermediate: in manufacturing of various organic chemicals.

[Package]

1. In Multi-ply Paper Bag with pallets and plastic film wrapped.
2. In Paperboard Drum with pallets and plastic film wrapped.
3. Net weight of 25kgs/Bag (Carton/Drum)

[Storage]

It should be kept cool and dry in unopened original packing. Storage and conditions of 5-30°C and 20-75% rel. humidity are recommended. Under these conditions its active content is guaranteed of 2years form the manufacturing date. The manufacturing date is part of the lot number on the package label. Sealed storage, in a cool ventilated dry place. Protect them from sunshine and rain. Handle with care in order to avoid damaging the package.

[Transportation]

Anti-sun and rain, can't be transported together with poisonous and harmful goods. As per the stipulate of the general chemicals to storage and transport.

[Regulatory affairs]

Customs tariff number: 2925290090

It is according to FDA law and labeled accordingly.
It is not subject to dangerous goods regulations.

[Safety and environment]

According to International chemicals legislation, it is non toxic, and, if correctly handled, It does not irritate the skin and mucous membranes. Accordingly, it is not classified as a hazardous chemical. The usual regulations of safety and hygiene for handling of chemical should be followed.

[CERTIFICATE]

ISO9001,
ISO22000
KOSHER
HALAL
FAMI-QS

[Statement]

TSE/BSE
Non-GMO
Melamine Free
Gluten and Allergen Free
Anti-Doping