



SHANGHAI FREEMEN CHEMICALS CO.,LTD.

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Product: **L-Glutamine**

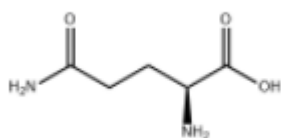
L-Glutamine is White crystalline powder Stability Moisture and light sensitive.

Incompatible with moisture, strong oxidizing agents.

Glutamine has been used as a GI protectant and in an attempt to enhance GI healing in conditions where GI epithelium is damaged (Parvo enteritis, chemotherapy, etc.).

Alias: L-(+)-Glutamine; Pentanoic acid, 2,5-diamino-5-oxo-, (S)-; L-Glutamine

CAS No: **56-85-9**



Molecule structure

Specifications:

Appearance: White crystals or crystalline powder

Assay: 98.5%-101.5%

pH: 4.35 -6.0

Specific rotation: +6.30 +7.30

Heavy metals (as Pb): 15 ppm max

Chloride:0.05% max

Sulfate: 0.03% max

Iron: 30 ppm max

Loss on drying: 0.3% max

Residue on ignition: 0.4% max

Lead: 3 ppm max

Arsenic: 1 ppm max

Cadmium: 1 ppm max

Mercury: 1 ppm max

Packing & Delivery 25kg/drum



Application

Used in medicine and health care

products, can enhance the immune function of human body

Biochemical research

Melatonin has complex effects on apoptotic pathways, inhibiting apoptosis in immune cells and neurons but enhancing apoptotic cell death of cancer cells. Inhibits proliferation/metastasis of breast cancer cells by inhibiting estrogen receptor action.