L-Glutamine

CAT N°: P1012

Storage conditions: Room temperature

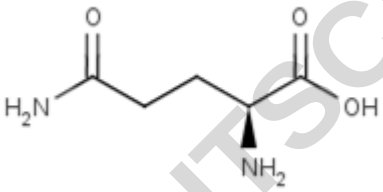
Shelf life: 24 months

Composition: L-Glutamine

Molecular weight: 146,15 g/mol

CAS Number: 56-85-9

Chemical Formula: $C_5H_{10}N_2O_3$



Appearance: White crystalline powder

Solubility: Soluble in water at room temperature (4.13E+04 mg/l clear solution)

Assay: 99.0% - 101.0%

Arsenic: <1.0 ppm

Chloride: < 0.02 %

Heavy metal: < 5 ppm

Iron: < 10.0 ppm

Specific rotation: 6.3 – 7.3 degree

Sulphate: <0.002 %

Recommended use:
- Respect storage conditions of the product
- Do not use the product after its expiry date
- Store the product in a dry area
- Wear clothes adapted to the manipulation of the product to avoid contamination (e.g. : gloves, mask, hygiene cap, overall…)
- Protect the product from any form of humidity

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- Use, in one time, after opening, the entire quantity of product of the container. If it is not possible, close the container immediately after sampling the quantity of powder required.

The product is intended to be used in vitro for research or further manufacturing only and not for use as an Active Pharmaceutical Ingredient or food or animal feed.

Application:
L-Glutamine is a non-essential amino acid.

Uses:
Not applicable

Signs of deterioration:
Not applicable

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