Datasheet

L-Glutamine, Powder

Cell Culture Supplement

Product	Description	Art. No.	Size
L-Glutamine	Amino acid, Powder	P04-80025P P04-80100P P04-80500P P04-801000P	25 g 100 g 500 g 1000 g

Product description

L-Glutamine is an essential amino acid required by all mammalian and insect cells grown in culture. It serves as an additional source of carbon and energy and in particular is used for nucleic acid synthesis. Optimal cell performance usually requires supplementation of the medium with L-Glutamine prior to use.

L-Glutamine is more unstable in cell culture solutions than other amino acids. The rate and extent of L-Glutamine degradation are related to storage temperatures, age of the product, and pH.

If you are unsure whether the concentration of L-Glutamine in your medium is enough add a small amount of L-Glutamine (~ 2 mM final concentration) to the culture medium. If the cell growth rate increases, L-Glutamine is most likely deficient and more should be added.

Storage conditions

Storage: 2-8 °C

Stability: 3 years from date of production

Technical support

For technical support, questions or remarks please contact your local PAN-Biotech partner or the technical department of PAN-Biotech via email (info@pan-biotech.com) or phone +49-8543-601630.

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