



Product Information

Stable Glutamine, 200 mM

Catalog no: GBSG01/01F

General Information

L-glutamine is a necessary amino acid and an important part of culture medium because it provides a significant amount of energy for cells in culture. When cultivated at +37°C, L-glutamine in liquid medium degrades quite quickly, and hazardous breakdown products (ammonium ions) might disrupt and potentially harm cells.

A stable dipeptide form of L-glutamine is known as stable glutamine. Stable glutamine does not spontaneously degrade into ammonia like L-glutamine does. Rather, to release L-Glutamine when required, cells break the dipeptide link. Throughout a prolonged culture, this mechanism minimises waste accumulation and ensures a constant supply of L-Glutamine.

Water suitable for cell culture is used to make this solution.

Specification

Appearance	Clear frozen liquid
Storage and shelf life	Store at $\leq -15^{\circ}\text{C}$. Avoid repeated freeze-thaw cycles. Preparation of aliquots recommended. Once opened, store at +4°C and use within 4-6 weeks.
Shipping conditions	Frozen (Dry ice)
Thawing	+37°C water bath or overnight at +2°C to +8°C. Swirl gently to homogenize.

Need Help?

If you have any further queries, please feel free to email our cell culture specialists at info@genexisbiotech.com

Disclaimer:

User must ensure suitability of the product(s) in their application prior to use. Products conform solely to the information contained in this and other related Products are not intended for human or animal diagnostic or therapeutic use but for laboratory, research or further manufacturing use only, unless otherwise specified. Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for infringement of any patents.