



## Product Information

L-Glutamine, 200 mM

Catalog no: GBLG01/01F

### General Information

One of the most important elements of culture medium and a vital amino acid called L-glutamine is utilized by cells in culture as their main source of energy. In both its dry powder and frozen solution forms, L-glutamine is extremely stable. On the other hand, L-glutamine degrades quite quickly in liquid medium or stock solutions. Ammonium ions, which are harmful breakdown products of L-glutamine, can interfere with cellular processes and harm cells. Adding L-Glutamine to the medium before to usage is often necessary for optimal cell function. In water suitable for cell cultivation, this solution is made.

### 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 $4^{\circ}\text{C}$ and use within 2-4 weeks.
Shipping conditions	Frozen (Dry ice)
Thawing	Thaw at $+37^{\circ}\text{C}$ in the water bath. Swirl gently to homogenize.

### Formulation

Components	Concentration g/L
L-Glutamine	29.2

### Need Help?

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