

## Product Information

L-Glutamine, 200 mM  
Cat. No. GLN-B (100 ml)

### General Information

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L-Glutamine is an essential amino acid that is a crucial component of culture media that serves as a major energy source for cells in culture. L-Glutamine is very stable as a dry powder and as a frozen solution. However, in liquid media or stock solutions, L-Glutamine degrades relatively rapidly. Toxic degradation products of L-Glutamine (ammonium ions) can interfere and may cause damage to cells. Optimal cell performance usually requires supplementation of the media with L-Glutamine prior to use. This solution is prepared in cell culture grade water.

### Product Specifications

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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

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Components	Concentration mg/L
L-Glutamine	29200

### Precautions and Disclaimer

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This product is for research use only.

### Help Needed?

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If you have any further questions regarding this product, please do not hesitate to contact our cell culture experts by email ([techservice@capricorn-scientific.com](mailto:techservice@capricorn-scientific.com)) or phone (+49 6424 944640).