

# L-Glutamine, 200 mM Solution in 0.85% NaCl

## Product Data Sheet

Product information for MIR 6240

SDS and Certificate of Analysis available at [mirusbio.com/6240](http://mirusbio.com/6240)



### SPECIFICATIONS

<b>Storage</b>	Store L-Glutamine Solution at -10 to -30°C. (See 'Precautions,' below.)
<b>Product Guarantee</b>	As indicated on the product label, when properly stored and handled.

**Product Description:** L-Glutamine is an essential amino acid that is added as a carbon and energy source to mammalian and insect cell culture media. Optimal cell performance usually requires 2-4 mM L-Glutamine supplementation. L-Glutamine gradually degrades in stock solutions and liquid media and should be added immediately prior to use. L-Glutamine, 200 mM Solution (MIR 6240) is a sterile-filtered, animal-origin-free reagent.

**Product Usage:** Thaw L-Glutamine in a 37°C water bath and vortex every 5-10 minutes until any residual precipitate is fully resuspended. *NOTE: Do not leave L-Glutamine at 37°C longer than necessary, as the rate of degradation increases at warmer temperatures.*

**Product Size:** 100 ml

**Form/Appearance:** Clear, colorless solution

**Molecular Formula:**  $C_5H_{10}N_6O_3$

**CAS Number:** 56-85-9

**Precautions:** Store L-Glutamine at -10 to -30°C. Multiple freeze thaw cycles may result in reduced product performance. We recommend making sterile aliquots to re-freeze after the first thawing. Once thawed, L-Glutamine is stable for approximately 2 weeks at 4°C. Review the product-specific Safety Data Sheet (SDS) for additional information before handling this product.

**For Research Use Only**

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## ▶ NOTES



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