

**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](https://mirusbio.com/6240)



**SPECIFICATIONS**

Storage	Store L-Glutamine Solution at -10 to -30°C. (See 'Precautions,' below.)
Product Guarantee	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. <i>NOTE: Do not leave L-Glutamine at 37°C longer than necessary, as the rate of degradation increases at warmer temperatures.</i>
Product Size:	100 ml
Form/Appearance:	Clear, colorless solution
Molecular Formula:	C <sub>5</sub> H <sub>10</sub> N <sub>6</sub> O <sub>3</sub>
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**

## ► NOTES



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