

L-Glutamine 200mM

Catalog #:	118-084-671	10 x 10mL
	118-084-721	4 x 100mL
	116-084-721EA	100mL
Store at:	-10°C to -20°C	
Shipped at:	on dry ice	

Description

Quality Biological's (QBI) L-Glutamine 200mM is prepared from ACS Grade L-Glutamine using Quality Biological's physiological saline. The final product is sterile filtered through a 0.1µm filter.

Applications

L-Glutamine is a non-essential amino acid for most mammalian cells. Typically, it is used in cell culture as an energy source in addition to carbohydrates (e.g., glucose, sucrose, maltose, etc.).

Directions

Dilute the L-Glutamine 200mM in the appropriate cell culture medium. Typically, L-Glutamine is diluted to a final concentration of 1 - 4mM.

Reference

1. Freshney, R.I. (1994) *Culture of Animal Cells: A Manual of Basic Technique, 3rd Ed.*, Wiley-Liss, Inc.

All products sold by Quality Biological, Inc. are intended for research use only. This product has not been approved for diagnostic or IVD use.

Quality Control*General*

The quality of a product is a combination of careful selection of raw materials, proper manufacturing procedures, and diligent monitoring of each step.

Quality Control is used to determine whether each step in the manufacturing process has been properly carried out and the finished product meets or exceeds the standards established for it.

Product Specific Testing

Sodium Pyruvate 100X is routinely tested to verify it meets product specifications for the following parameters:

- *pH*
- *Osmolality*
- *Growth Performance*
- *Microbiology*

Related Products

QBI offers many types of basal media with and without **L-Glutamine** (e.g., Dulbecco's Modified Eagles Medium (DMEM), Ham's F-12, Iscove's Modification of Dulbecco's Medium (IMDM), Leibovitz' L-15 Medium. See the QBI website for a full listing of media.