

Product Information

L-Glutamine Powder

CATALOG NO. 90114C

Description

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. In liquid media or stock solutions, however, L-glutamine degrades relatively rapidly. Optimal cell performance usually requires supplementation of the media with L-glutamine prior to use.

Precautions

This product is for further manufacturing use. THIS PRODUCT IS NOT INTENDED FOR HUMAN OR THERAPEUTIC USE.

Storage

To effectively preserve the integrity of L-glutamine in dry form, it should be stored at the recommended temperature and protected from light. For stability and optimal performance, this product should be stored at 15 to 30 C. Don not use after the expiration date.

Indications of Deterioration

Dry powder should be free flowing. Do not use if powder is caked. Prepared solution should be clear of particulate and flocculent materials. Other evidence of deterioration may include color change as well as degradation of physical or performance characteristics.

Characteristics

Appearance

White crystalline powder

Bioburden

< 100 CFU/g

Endotoxin (LAL)

≤ 0.04 EU/mg

pH

5.0 - 7.5

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