



Certificate of Analysis

MEM Amino Acids Solution (50X), liquid without L-glutamine

Catalog Number: 11130
Lot Number: 1608212

Storage Temperature: 2 to 8C
Storage Instructions: Protect from light
Expiration Date: 2015-08

For in vitro diagnostic use.

TEST	SPECIFICATION	RESULT	UNITS
¹ pH	>=0.6 to <=1.2	1.0	
² Sterility Testing	Negative	Negative	

GIBCO brand, Life Technologies cell culture liquid products are prepared by an aseptic process for which each step has been validated to ensure that all products meet the industry standard sterility assurance level of 10^{-3} ; i.e. product that demonstrates a contamination level of no more than 1 of 1,000 units during the manufacturing process. The highest level of sterility assurance (equal to or greater than 10^{-6}) cannot be achieved without terminal sterilization which is harmful to the performance of cell culture products.

WARNING: Corrosive. Causes burns. Risk of serious damage to eyes.

Quality Systems Department

Date: 20-Aug-2014

REFERENCES:

- 1 Life Technologies Specifications.
- 2 Current edition of USP.

