



## Certificate of Analysis

**Dulbecco's Phosphate Buffered Saline (1X),  
liquid  
+ Calcium Chloride  
+ Magnesium Chloride**

**Catalog Number:** 14040  
**Lot Number:** 1297766

**Storage Temperature:** 2 to 8C

For in vitro diagnostic use. CAUTION: Not for human or animal therapeutic use. Uses other than the labeled intended use may be a violation of local law.

0.1 micron filtered

TEST	SPECIFICATION	RESULT	UNITS
<sup>1</sup> Endotoxin Testing	Tested	<0.03	EU/mL
<sup>2</sup> Osmolality	>=270 to <=300	285	mOsm/kg
<sup>3</sup> pH	>=7.0 to <=7.2	7.2	
<sup>4</sup> 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.

Important: Proper storage at indicated label temperature and avoiding excessive agitation will minimize the potential for precipitate formation.

The expiration date for Lot No. 1297766 is 2/28/2016.

Quality Systems Department

Date: 21-Feb-2013



# Certificate of Analysis

(Continued)

## REFERENCES:

- 1 Current United States Pharmacopeia, <85> Bacterial Endotoxins Test.
- 2 Life Technologies Specifications.
- 3 Life Technologies Specifications.
- 4 Current edition of USP.