

## Certificate of Analysis

**Dulbecco's Phosphate Buffered Saline (1X),** liquid

- Calcium Chloride

- Magnesium Chloride

14190 **Catalog Number:** Lot Number: 1785997

Storage Temperature:

15 to 30C

For in vitro diagnostic use.

Sterile filtered (0.1 um)

EST	SPECIFICATION	RESULT	UNITS
<sup>1</sup> Endotoxin Testing	Tested	<0.03	EU/mL
<sup>2</sup> Osmolality	>=270 to <=300	276	mOsm/kg
<sup>3</sup> pH	>=7.0 to <=7.3	7.1	
Sterility Testing	Negative	Negative	·

Notice: Effective 04/23/15, the specification for this product has changed per ECR1025725. The pH upper limit of 7.2 has changed to 7.3, on the certificate of analysis. If you have questions regarding this change, please contact Life Technologies Technical Support at 1-800-955-6288 in North America or <u>Techsupport@lifetech.com</u> globally.

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<sup>^</sup>-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.

The expiration date for lot 1785997 is 2019-03.

Read SDS

**Quality Systems Department** 

Date: 07-Apr-2016



## 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.