



Certificate of Analysis

TrypLE (TM) Select

Catalog Number: 12563
Lot Number: 1386009

Storage Temperature: 15 to 30C
Storage Instructions: Protect from light
Expiration Date: 2015-07

For Research or Further Manufacturing Use. CAUTION: Not intended for human or animal diagnostic or therapeutic uses.

TEST	SPECIFICATION	RESULT	UNITS
Activity Assay	≥ 0.2	0.41	rPu/mL
¹ Endotoxin Testing	≤ 1.0	0.68	EU/mL
² In-Vitro Bioassay	Acceptable	Acceptable	
³ Osmolality	≥ 280 to ≤ 300	287	mOsm/kg
⁴ pH	≥ 7.0 to ≤ 7.4	7.2	
⁵ Sterility Testing	Negative	Negative	

See SDS

TrypLE(TM) Select is animal origin free, derived from microbial fermentation. There are no animal derived components utilized in the manufacturing process.

Product of Denmark.

Quality Systems Department

Date: 31-Jul-2013

REFERENCES:

- 1 Current United States Pharmacopeia, <85> Bacterial Endotoxins Test.
- 2 Life Technologies Specifications, Ref.: GIBCO Catalog. Cell Line Used: A549 (Human Lung Carcinoma, ATCC No. CCL-185). An in-vitro bioassay is performed to verify the ability of final product trypsin preparations to remove adherent cell lines from the substratum. Cell removal times, viability, reattachment, and morphology of the tested cell line has been demonstrated to be within established guidelines for the product relative to a previously tested and accepted reference control trypsin solution.
- 3 Life Technologies Specifications.
- 4 Life Technologies Specifications.
- 5 Current Edition of USP, Life Technologies Modified.