



## Certificate of Analysis

**Insulin-Transferrin-Selenium-X (100X)**  
Prepared in Earle's balanced salt solution.

For use with media already containing sodium pyruvate.

**Catalog Number:** 51500  
**Lot Number:** 1680878

**Storage Temperature:** 2 to 8C

**Expiration Date:** 2016-09

For research use only. Not for use in diagnostic procedures.

TEST	SPECIFICATION	RESULT	UNITS
<sup>1</sup> HCV Antibody Screening	Non Reactive	Non Reactive	
<sup>2</sup> Hepatitis B Surface Antigen Screening	Non Reactive	Non Reactive	
<sup>3</sup> HIV 1 & 2 Antibody Screening	Non Reactive	Non Reactive	
<sup>4</sup> Mycoplasma qPCR Detection Assay	Negative	Negative	
<sup>5</sup> Osmolality	>=275 to <=310	294	mOsm/kg
<sup>6</sup> pH	>=7.8 to <=8.1	8.1	
<sup>7</sup> Plating Assay	Acceptable	Acceptable	
<sup>8</sup> Sterility Testing	Negative	Negative	

Supplemental mycoplasma testing is performed on the appropriate raw component(s) of this medium prior to use in manufacturing.

Quality Systems Department

Date: 19-Mar-2015

**REFERENCES:**

- 1 FDA Licensed / Approved blood screening tests.
- 2 FDA Licensed / Approved blood screening tests.
- 3 FDA Licensed / Approved blood screening tests.
- 4 Life Technologies Specifications. The Mycoplasma qPCR Detection Assay uses Power SYBR® Green detection technology and a Real-Time Polymerase Chain Reaction to amplify a target DNA sequence common to a wide variety of mycoplasmas.
- 5 Life Technologies Specifications.
- 6 Life Technologies Specifications.
- 7 Life Technologies Specifications. Cell Line Used: African Green Monkey Kidney Cells (VERO), ATCC No. CCL-81. A lot of supplement is acceptable if the plating efficiency of VERO cells in Nutrient Mixture F-12 supplemented with 1% FBS and the supplement (at a 1X concentration) is at least 80% that of VERO cells plated in Nutrient Mixture F-12 + 10% FBS.
- 8 Current Edition of USP, Life Technologies Modified.