

Williams' Medium E  
1X  
[-] L-Glutamine  
[-] Phenol Red

Catalog Number: A12176  
Lot Number: 1582420

Storage Temperature: 2 to 8C  
Storage Instructions: Protect from light  
Expiration Date: 2015-04

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

TEST	SPECIFICATION	RESULT	UNITS
<sup>1</sup> Endotoxin Testing	<=1.0	<0.03	EU/mL
<sup>2</sup> Osmolality	>=305 to <=335	315	mOsm/kg
<sup>3</sup> pH	>=7.0 to <=7.6	7.2	
<sup>4</sup> Sp2 Toxicity Assay	Acceptable	Acceptable	
<sup>5</sup> Sterility Testing	Negative	Negative	

See SDS.

*Maria J. Micale*

Quality Systems Department

Date: 06-May-2014

**REFERENCES:**

- 1 Current United States Pharmacopeia, <85> Bacterial Endotoxins Test.
- 2 Life Technologies Specifications.
- 3 Life Technologies Specifications.
- 4 Life Technologies Specifications, Ref.: GIBCO Catalog. Cell Line Used: Sp2/O-Ag14 (ATCC No. CRL-1581). Test samples were evaluated for nutritional support of target cells utilizing the murine myeloma cell line Sp2/O-Ag14 (Sp2). Comparable growth rates of Sp2 cells in samples of complete test medium were obtained relative to parallel cultures grown in reference control medium.
- 5 Current Edition of USP, Life Technologies Modified.

