

**DMEM/F-12, powder
Dulbecco's Modified Eagle Medium/
Nutrient Mixture F-12 (HAM) (1:1)
with L-glutamine
with pyridoxine hydrochloride
without HEPES buffer
without sodium bicarbonate**

Catalog Number: 12500
Lot Number: 1406417

Storage Temperature: 2 to 8C
Storage Instructions: Dark and dry
Expiration Date: 2016-04
Originated From: 1370871_P01/12500

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.

TEST	SPECIFICATION	RESULT	UNITS
¹ Endotoxin Testing	Check & Record	<0.03	EU/mL
² Osmolality	>=300 to <=340	316	mOsm/kg
³ pH before additions	>=6.3 to <=6.8	6.5	
⁴ Solubility	Acceptable	Acceptable	
⁵ Sp2 Toxicity Assay	Acceptable	Acceptable	

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Quality Systems Department

Date: 16-Jul-2013

REFERENCES:

- 1 Current United States Pharmacopeia, <85> Bacterial Endotoxins Test.
- 2 Life Technologies Specifications.
- 3 Life Technologies Specifications.
- 4 Life Technologies Specifications.
- 5 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.

