Certificate of Analysis

QC Code: GIBCO

F-12K Nutrient Mixture
(Kaighn's Modification) (1X), liquid
+ L-Glutamine

Lot Number:	2616996
Item Number:	21127
Expiration Date:	2024-03
Storage Temp:	2 to 8C
Storage Instructions:	Protect from light

For research use only. Not for use in diagnostic procedures.
Sterile filtered (0.1 um)

TEST	TEST ID	SPECIFICATION	RESULT	UNITS
Endotoxin Testing	ENDO0007	Check and Record	<0.01	EU/mL
Osmolality	OSMO0002	310 - 350	326	mOsm/kg
pH	PH0003	7.5 - 7.9	7.8	
Sp2 Toxicity Assay	SP2TOX0001	Acceptable	Acceptable	
Sterility Testing	STERI0007	Negative	Negative	

Read SDS

Quality Systems Department Date: 06-Jul-2023

References

- ENDO0007: Current United States Pharmacopeia, <85> Bacterial Endotoxins Test.
- OSMO0002: Thermo Fisher Scientific Specifications.
- PH0003: Thermo Fisher Scientific Specifications.
- SP2TOX0001: Thermo Fisher Scientific Specifications, Ref.: GIBCO Catalog. Cell Line Used: Sp2/0-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.
- STERI0007: Current Edition of USP, Thermo Fisher Scientific Modified.