

BenchStable(TM) DMEM/F12 + GlutaMAX(TM) - I (IX) Catalog Number: A4192001

Lot Number: 2712160

**DMEM/F-12 (Ham) (1:1)
[+] 2.438 g/L Sodium Bicarbonate
[+] Sodium Pyruvate**

Storage Temperature: 15 to 30C

Storage Instructions: Protect from light

Date Of Manufacture: 2023-Aug-30

Expiration Date: 2024-08

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

TEST	SPECIFICATION	RESULT	UNITS
Endotoxin Testing	Pass	Pass	
Osmolality	290 - 330	309.5	mOsm/kg
pH at 25°C	7.0 - 7.4	7.4	
Sp2 Toxicity	Pass	Pass	
Sterility	Pass	Pass	

Read SDS

GIBCO brand, Thermo Fisher Scientific cell culture liquid products are prepared by an aseptic process for which each step has been validated to ensure that all products meet the industry standard sterility assurance level of 10^{-3} ; i.e. product that demonstrates a contamination level of no more than 1 of 1,000 units during the manufacturing process. The highest level of sterility assurance (equal to or greater than 10^{-6}) cannot be achieved without terminal sterilization which is harmful to the performance of cell culture products.

This product is animal free: There are no animal sourced ingredients used in the manufacture of this product. Advanced Bioprocessing is an ISO 9001:2015 registered facility. This product met Advanced Bioprocessing stringent quality standards at time of batch/lot release. Any test results reported on this certificate were obtained at time of release. This material is not for human or animal consumption.



Senior Quality Manager