

Certificate of Analysis

Catalog No.	EP-CM-P0113	Lot No.	XB09T8J80271
Size	10*1L	Exp	2025-04
Product name	DMEM/F12		

The product has been tested by Quality Control Department and meets performance specifications mentioned in the manual.

Items		Standard	Result		
pH (Before adding NaHCO ₃)		6.1-6.4	6.23		
pH (After adding NaHCO ₃)		7.2-8.2	7.63		
Osmotic pressure (mOsmol/kg) (Before adding NaHCO ₃)		258-284	265		
Osmotic pressure (mOsmol/kg) (After adding NaHCO ₃)		292-324	307		
Endotoxin content (EU/mL)		≤5.0	2		
Microbial Limit	Bacteria (CFU/g)	≤200	76		
	Fungi (CFU/g)	≤50	26		
Cell growth experiment (Number of cells seeded is 5×10 ⁴ /mL)		Morphology	Normal		
		Number of cells (48 hours)	3.74×10 ⁵ /mL		
		Number of cells (72 hours)	4.53×10 ⁵ /mL		
Result		<i>Qualified</i>			
Operator	<i>Tingting Liu</i>	Checker	<i>Jin Zhang</i>	Auditor	<i>Baindy</i>