

neoFroxx GmbH

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Specification

Product	DMEM (powder) with 4,5 g/l D(+)-Glucose and L-Glutamine, w/o Sodium pyruvate, NaHCO₃
Brand	BioFroxx

Product number	2355
Synonym(s)	Dulbecco's Modified Eagle Medium, High glucose, with L-Glutamin, w/o Sodium pyruvate, w/o Sodium Bicarbonate (NaHCO ₃)
Storage	2 - 8°C
Retest period (months)	36

To prepare 1 L of liquid medium, 13.4 g of the DMEM powder mixture and 3.7 g of Sodium bicarbonate are required.

Parameter	Specification
Appearance	White to light pink, homogenous powder
Solubility	Clear solution at 13.4 g/L
pH w/o NaHCO₃	5.90 - 6.50
pH with NaHCO₃	7.50 - 8.10
Osmolality w/o NaHCO₃	250 - 290 mOsm/kg
Osmolality with NaHCO₃	320 - 360 mOsm/kg
Cultural Response	The growth promotion capacity of the medium is assessed qualitatively by analyzing the cells for the morphology and quantitatively by estimating the cell counts and comparing it with a control medium
Endotoxins	max. 1 EU/ml

Einhausen, 01.07.2022