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## Product Specification

Product Name:

Minimum Essential Medium Eagle – Alpha Modification, with L-glutamine, without ribonucleosides, deoxyribonucleosides and sodium bicarbonate, powder, suitable for cell culture

Product Number:

**M0894**

Storage Temperature:

2 - 8 °C

TEST	Specification
Origin	Non-Animal Source
Osmolality	284 - 314 mOs/kg
with 2.2 g/L NaHCO <sub>3</sub>	
Osmolality	242 - 267 mOs/kg
Total Glucose	8.9 - 10.9 %
Water (by Karl Fischer)	≤ 2.0 %
pH	6.9 - 7.5
with 2.2 g/L NaHCO <sub>3</sub>	
pH	3.4 - 4.0
Solubility (Turbidity)	Clear
Solubility (Form)	Solution
at 10.1 g/L in H <sub>2</sub> O	
Cell Culture Test	Pass
Appearance (Color)	White to Off-White
Appearance (Form)	Powder
Endotoxin Level	≤ 1.0 EU/ml
at 1X	

Specification: PRD.2.ZQ5.10000013378

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.