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Product Specification

Product Name:

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

Product Number: **M0644**

Storage Temperature: 2 - 8 °C

TEST	Specification
Origin	Non-Animal Source
Osmolality with 2.2 g/L NaHCO ₃	285 - 315 mOs/kg
Osmolality	242 - 267 mOs/kg
Total Glucose	8.8 - 10.8 %
Water (by Karl Fischer)	≤ 2.0 %
pH with 2.2 g/L NaHCO ₃	6.7 - 7.3
pH	3.5 - 4.1
Solubility (Turbidity)	Clear
Solubility (Form) at 10.1 g/L H ₂ O	Solution
Cell Culture Test	Pass
Appearance (Color)	White to Off-White
Appearance (Form)	Powder
Endotoxin Level at 1x	≤ 1.0 EU/ml

Specification: PRD.2.ZQ5.10000013374

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. 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.