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Product Specification

Product Name:

Nutrient Mixture F-12 Ham - Kaighn's Modification, with L-glutamine, without sodium bicarbonate, powder, suitable for cell culture

Product Number: **N3520**

Storage Temperature: 2 - 8 °C

TEST	Specification
Origin	Non-Animal Source
Appearance (Color)	White to Off-White
Appearance (Form)	Powder
Solubility (Turbidity)	Clear
Solubility (Form)	Solution
at 11.1 g/L H ₂ O	
Water Content	≤ 2.0 %
by Karl Fischer	
pH	4.9 - 5.5
pH	7.3 - 7.9
with 2.5 g/L NaHCO ₃	
Osmolality	262 - 292 mOs/kg
Osmolality	315 - 345 mOs/kg
with 2.5 g/L NaHCO ₃	
Total Glucose	10.2 - 12.4 %
Cell Culture Test	Pass
Endotoxin Level	≤ 1.0 EU/ml
at 1X	

Specification: PRD.0.ZQ5.10000039009

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.