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## Product Specification

Product Name:

Dulbecco's Modified Eagle's Medium/Nutrient Mixture F-12 Ham - With 15 mM HEPES, without L-glutamine, L-leucine, L-lysine, L-methionine, CaCl<sub>2</sub>, MgCl<sub>2</sub>, MgSO<sub>4</sub>, sodium bicarbonate, and phenol red, powder, suitable for cell culture

Product Number:

D5760

MDL:

MFCD00217417

Storage Temperature:

2 - 8 °C

**TEST****Specification**

Origin	Non-Animal Source
Osmolality with 1.2 g/L NaHCO <sub>3</sub>	276 - 305 mOs/kg
Osmolality Water (by Karl Fischer)	260 - 287 mOs/kg ≤ 2.0 %
pH with 1.2 g/L NaHCO <sub>3</sub>	6.5 - 7.1
pH	5.6 - 6.2
Solubility (Turbidity)	Clear
Solubility (Form) at 14.8 g/L H <sub>2</sub> O	Solution
Appearance (Color)	White to Off-White
Appearance (Form)	Powder
Cell Culture Test	Pass
Total Glucose	19.2 - 23.4 %
Endotoxin Level at 1X	≤ 1.0 EU/ml

Specification: PRD.2.ZQ5.10000013347

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.