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Product Specification

Product Name:

Dulbecco's Modified Eagle's Medium – high glucose – HEPES Modification, With 4500 mg/L glucose, L-glutamine, and 25 mM HEPES, without sodium bicarbonate and pyruvate, powder, suitable for cell culture

Product Number:

D1152

Storage Temperature:

2 - 8 °C

TEST

Specification

Origin	Non-Animal Source
Osmolality with 3.7 g/L NaHCO ₃	285 - 315 mOs/kg
Osmolality	209 - 231 mOs/kg
Total Glucose	23.3 - 28.5 %
Water (by Karl Fischer)	≤ 2.0 %
pH with 3.7 g/L NaHCO ₃	6.7 - 7.3
pH	5.4 - 6.0
Solubility (Turbidity)	Clear
Solubility (Form) with no particulates or precipitates at 17.3 g/L	Solution
Cell Culture Test	Pass
Appearance (Color)	White to Off-White
Appearance (Form)	Powder
Endotoxin Level at 1X	≤ 1.0 EU/ml

Specification: PRD.0.ZQ5.10000038030

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.