

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Product Specification

Product Name:

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

Product Number:

D7777

Storage Temperature:

2 - 8 °C

TEST	Specification
Origin	Non-Animal Source
Osmolality w/ 3.7 g/L NaHCO ₃	314 - 347 mOs/kg
Osmolality	242 - 267 mOs/kg
Total Glucose	30.0 - 36.6 %
Water (by Karl Fischer)	≤ 2.0 %
pH w/ 3.7 g/L NaHCO ₃	7.5 - 8.1
pH	6.0 - 6.6
Solubility (Turbidity)	Clear
Solubility (Form) @13.5 g/L in 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.0.ZQ5.10000038120

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.